

LIBRARY



CITY DOCUMENTS

Municipal Register 1923, Mayor's Address to the Council, Annual Reports, Etc.

FOR THE YEAR 1922.



CITY OF NEW BEDFORD
MASSACHUSETTS

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1923.

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CITY DOCUMENTS

Municipal Register, 1923, Mayor's Address to the Council, Annual Reports, Etc.

FOR THE YEAR 1922.



CITY OF NEW BEDFORD
MASSACHUSETTS

Municipal Register

JUNE 1, 1923

MAYOR.

HON. WALTER H. B. REMINGTON, 219 Ash Street
Salary \$7,500.

ALDERMEN Salary \$100 each.

President of Board—JOHN CATTERALL

Ward One:—NAPOLEON RICARD.....2087 Acushnet Avenue
Ward Two:—FIELDING H. WALSH.....149 Robeson Street
Ward Three:—OSCAR D. KELLEHER....1174 Purchase Street
Ward Four:—GEORGE A. BLAKE.....96 No. Second Street
Ward Five:—GEORGE S. TABER.....93 Ash Street
Ward Six:—JOHN CATTERALL.....81 Butler Street

City Clerk.

RODOLPHUS A. SWAN, 80 Walnut Street

COMMON COUNCIL.

Ward One

ARCADE DAGESSE 243 Ashley Boulevard
NAPOLEON J. GAQUETTE 53 Princeton Street
NAPOLEON GREGOIRE 159 Tallman Street
BURGOYNE WOOLLEY 185 Whitman Street

Ward Two

WILLIAM R. BALDERSON 1447 Pleasant Street
AUSTIN FOWLER 139 Adams Street
THOMAS HARRY MARGESON 167 Bullock Street
JOHN J. MURRAY 16 Willow Street

Ward Three

LEONARD S. DODGE 26 Locust Street
ALEXANDER DONAGHY 144 Cedar Street
FRED L. HATHAWAY 11 Spruce Street
HENRY S. WINSLOW 74 Willis Street

Ward Four

FREDERICK J. J. ABRAMS 237 Middle Street
JAMES CRAVEN 66 Liberty Street
GEORGE W. MAHON 71 Mechanics Lane
PERCY A. WOODLAND 787 Rockdale Avenue

Ward Five

ROBERT A. BARTLETT 33 Maplevlew Ter.
ROBERT L. BAYLIES 85 Bedford Street
JOSEPH JASON 211 So. Second Street
THOMAS A. MORRISON 64 Forest Street

Ward Six

HENRY BOLTON 22 Viall Street
EDWARD F. DELANEY 631 Brock Avenue
JOHN J. FLANAGAN 73 Willard Street
JOHN T. WILKINSON 20 George Street

President:—ROBERT L. BAYLIES

Clerk:—HAROLD WINSLOW, Salary, \$500

JOINT STANDING COMMITTEES OF THE
CITY COUNCIL.

- Almhouse and the Poor**—Aldermen Blake (ch.), Catterall; Councilmen Hathaway, Jason and Woodland.
- Armories**—Aldermen Taber (ch.), Ricard; Councilmen Gregoire, Dodge and Donaghy.
- Audit**—Aldermen Taber (ch.), Blake; Councilmen Woodland, Bolton and Jason.
- Bath Houses**—Aldermen Catterall (ch.), Walsh; Councilmen Margeson, Jason and Wilkinson.
- Building Code**—Aldermen Walsh (ch.), Blake; Councilmen Wooley, Fowler and Morrison.
- City Property**—Aldermen Ricard (ch.), Kelleher; Councilmen Winslow, Margeson and Bartlett.
- Claims**—Aldermen Blake (ch.), Taber; Councilmen Balderson, Hathaway and Flanagan.
- Finance**—Mayor, (ch.), Aldermen Taber and Catterall; Councilmen Winslow, Bartlett and Woodland.
- Fire Department**—Aldermen Kelleher (ch.), Blake; Councilmen Donaghy, Mahon and Wilkinson.
- Ordinances**—Aldermen Kelleher (ch.), Catterall; Councilmen Gaouette, Hathaway and Craven.
- Streets**—Aldermen Ricard (ch.), Kelleher; Councilmen Gregoire, Morrison and Flanagan.
- Street Lights**—Aldermen Catterall (ch.), Walsh; Councilmen Dagesse, Dodge and Craven.
- Wharves**—Aldermen Blake (ch.), Ricard; Councilmen Murray, Abrams and Delaney.

DEPARTMENTS.

- City Clerk** — RODOLPHUS A. SWAN, Salary \$3,800, 80 Walnut Street. **Assistant City Clerk** — JAMES DIGNAM. Salary \$2,500, 289 Maple Street.
- City Treasurer and Collector of Taxes** — CHARLES R. HATHAWAY. Salary \$4,000. 198 Middle Street.
- City Auditor**—CHARLES J. MCGURK, Salary \$4,000, 79 Rockland Street.
- Clerk of Committees** — HAROLD WINSLOW, Salary \$2,600. 689 County Street.
- City Solicitor**—BENJAMIN B. BARNEY, Salary \$3,500. 3 North Orchard Street.
- City Engineer**—GEORGE H. NYE, Salary \$4,000. 23 Arnold Place.
- Superintendent of Streets** — HORACE BORDEN, Salary \$4,000, 15 Collins Street.
- City Forester** — CHARLES F. LAWTON, Salary \$2,000, 75 Carroll Street.
- Superintendent of Public Buildings and Inspector of Buildings**—GEORGE O. GARDNER, Salary \$3,500. 181 Maple Street.

Assistant Superintendent of Public Buildings —

MARTIN H. SULLIVAN. Salary \$2,300. 78 North Street.

Inspector of Wires — WILLIAM P. BRIGGS. Salary \$2,000.

407 Union Street.

Superintendent of Street Lights — WILLIAM P. BRIGGS. Salary \$1,000. 407 Union Street.**Supervisor of Police Signal System — WILLIAM P. BRIGGS. Salary \$500. 407 Union Street.**

OTHER OFFICIALS.

City Physician — JOHN F. MAHONEY, M. D. Salary \$1,000
Term expires April, 1923.**Sealer of Weights and Measures — JOHN HOBIN, Salary \$2,200.**
31 Austin Street.**Superintendent of Sewers — HORACE BORDEN, Superintendent of Streets, ex-officio.****Harbor Master — HENRY F. WEST, Salary \$400.****City Wharfinger — HENRY F. WEST. Salary \$500. 209 So. Second Street.****Inspector of Crude Petroleum — ORVILLE E. YOUNG. Fees.**
246 Palmer Street.**Fence Viewers — THOMAS THORLEY, 467 Allen Street.**

EDWARD F. MULALLY, 245 Chestnut Street.

Caretaker of Graves of Soldiers and Sailors — SIDNEY B. DEMORANVILLE. 2745 Acushnet Avenue. No salary. Superintendent of Cemeteries.**Registrar of Labor (Under Massachusetts Civil Service Commission) — WILLIAM J. CARTER. Salary \$500. 598 Cottage Street.****Inspector of Milk, Provisions and Animals Intended for Slaughter — DR. HERBERT B. HAMILTON. Salary \$2,300. 79 Hillman Street.****Inspector of Accidents — LEONARD M. McDONNELL. Salary \$400. 465 Bolton Street.**

BOARD OF HEALTH.

Salary \$700 each.

COOPER GAW,	Term expires February, 1924
J. UBALDE PAQUIN, M. D.	Term expires February, 1925
JOSEPH R. GLENNON,	Term expires February, 1926
COOPER GAW, Chairman	

MUNICIPAL REGISTER

Agent and Executive Officer — Salary \$4,000.
WILLIAM G. KIRSCHBAUM

Director of Field Work—Salary \$4,000.
WILLIAM B. GEOGHEGAN

Clerk — Salary \$1,664
EDNA E. WRIGHT

Assistant to Clerk and Stenographer — \$29 per week.
M. CATHERINE SILVA,

Stenographer — Salary \$28 per week.
LAURA E. GODIN

Sanitary Inspectors and Wages per Week.
JOHN E. GLENNON, \$35 ANTONE F. SYLVIA, \$35
EDWARD RAYMOND, \$35 ROBERT F. VOGEL, \$35

Milk Collector and Interpreter, \$35 per week
FREDERICK J. FRANCIS

Inspectors of Plumbing
WILLIAM DEACON ERNEST G. PARKER
Salary \$2,500 year Salary \$2,000 year

Medical Inspector—Salary, \$2,500
A. N. SENESAC, M. D.

Oculist — Salary \$1,000
ALPHONSE NORMANDIN, M.D.

Bacteriologist, Chief of Venereal Clinic and Assistant T. B. Clinic
Salary \$3,000
A. H. MANDELL, M. D.

Chief of T. B. Clinic — Salary \$1000.
J. M. WISE, M. D.

Quarantine Physician — Fees
E. F. CODY, M. D.

Public Vaccinator — Fees
L. K. DORAN, M. D.

Nurses — \$30 each per week.
HARRIET L. MURPHY DOROTHY HOWLAND
MARY C. PUTNAM FRANCES K. McCABE
AZUBAH C. DEXTER ESTELLE RECA
PHILOMENE E. GIFFORD NANCE G. McCROHAN
EDITH H. GIFFORD SOPHIE O'LEARY

Nurses to Parochial Schools—\$30 per week.
MARY L. SHER BERYL I. ROSS

Ophthalmia Nurse—\$21 per week.
THERESA LYONS

Medical Inspectors Parochial Schools—Salary, \$400 each
DR. J. P. ST. GERMAIN DR. ELLEN R. CANNEY

Well Baby Clinic Physicians — Salary \$150 a year.
DR. FRANK M. HOWES DR. HAROLD E. PERRY
DR. C. S. LIPSITT

MUNICIPAL REGISTER

7 a

Dental Clinic

DR. JOHN A. GIBBONS, Chief

DR. J. N. FINNI DR. C. P. FORTIN DR. JOHN HALL
DR. F. J. HOYE DR. W. E. KINNEY DR. BENJ. MECHABER

Dental Hygienists

DOROTHY BRYANT MARGARET DONAGHY
MILDRED E. WENDT CAROL MURPHY
SARAH BARNET HETTY HARRINGTON
ANN PEMBERTON

Dental Assistants

FLORENCE PERRY LOUISE B. WRIGHT

Garbage Disposal

Supt. AUSTIN W. THRESHER — Salary \$3000

Inspector of Milk, Provisions, Slaughtering, etc.—Salary, \$2,300
H. B. HAMILTON, V. S.

Assistant — Salary \$2,000

CHESTER S. STIRRETT, D. V. M.

ASSESSORS.

Salary \$3,000 each

JOHN H. FINNELL, Chairman	Term expires 1924
JOHN HANNIGAN, Clerk	Term expires 1926
JOSEPH H. HANDFORD,	Term expires 1928

OVERSEERS OF THE POOR

Salary, \$500 each

JOHN MONIZ, Chairman

MARY E. RAWCLIFFE,	Term expires May 1, 1924
JOSEPH CHAUSSE,	Term expires May 1, 1925
JOHN MONIZ,	Term expires May 1, 1926

Secretary and Almoner—Salary, \$2,750

CHARLES A. PORRIER

Visitor and Interpreter—Salary \$2,340

ANTONE H. SENNA

Clerk and French Interpreter—Salary, \$2,184

JOSEPH A. DESJARDINS

Visitors — Salary \$2,080

RAYMOND HALLIWELL CHARLES A. McAVOY
MRS. M. JOSEPHINE TELFORD — \$20 per week

Stenographers

MABELLE F. COBB Salary \$28 per week
LILLIAN T. SOLY Salary \$28 per week

Superintendent and Matron of Almshouse, Salary \$1,820

CATHERINE F. BROWN

MUNICIPAL REGISTER

Chaplains of Almshouse—Salary \$300
REV. CHARLES S. THURBER
REV. HENRY J. NOON

Physicians to the Board — Salary, \$1,000 each.
Physician to the North District
R. E. SENECA, M. D.

Physician to the Centre District
LOUIS J. POBIRS, M. D.

Physician to the South District
J. B. MORRIS, M. D.

Physician to Cove District
LOUIS A. PERRAS, M. D.

Eye Specialist—Salary \$600
C. A. B. PETERSON, M. D.

TRUSTEES FREE PUBLIC LIBRARY

Ex-Officio	Terms expire January 1924.
WALTER H. B. REMINGTON.....	Mayor of the City.
ROBERT L. BAYLIES	President of the Common Council.
JOHN CATTERALL.....	President of the Board of Aldermen.

Elected by the City Council	
CHARLES M. HOLMES,	Term expires April, 1924
FRANCIS M. KENNEDY,	Term expires April, 1924
FRANK A. MILLIKEN,	Term expires April, 1925
REV. F. H. VON DER SUMP,	Term expires April, 1925
ABBOTT P. SMITH,	Term expires April, 1926
OTIS S. COOK,	Term expires April, 1926

President of the Board
THE MAYOR

Clerk
GEORGE H. TRIPP

COMMISSIONERS OF SINKING FUND

CHARLES S. KELLEY, JR.	Term expires March, 1924
BENJAMIN A. TRIPP,	Term expires March, 1925
WILLIAM S. COOK,	Term expires March, 1926
CHARLES R. HATHAWAY, Secretary and Treasurer	
Salary \$300	

NEW BEDFORD WATER WORKS
New Bedford Water Board

WALTER H. B. REMINGTON,	Mayor, ex-officio, President
ROBERT L. BAYLIES,	President of Common Council, ex-officio
ABBOTT P. SMITH,	Term expires June, 1924
FREDERIC H. TABER,	Term expires June, 1925
HERBERT E. CUSHMAN,	Term expires June, 1926

Clerk — STEPHEN H. TAYLOR

Superintendent—Salary, \$4,500
STEPHEN H. TAYLOR

Assistant Superintendent—Salary \$2,500
ELLSWORTH B. TOLMAN

Water Registrar—Salary, \$2,912
CLIFFORD BAYLIES

BOARD OF PARK COMMISSIONERS

WILLIAM P. COVELL, Chairman

WILLIAM P. COVELL,	Term expires 1st Monday in May, 1924
GEORGE H. HEDGE,	Term expires 1st Monday in May, 1925
EDWARD A. OESTING,	Term expires 1st Monday in May, 1926
WILLIAM F. CASWELL,	Term expires 1st Monday in May, 1927
GEORGE H. CUSHING,	Term expires 1st Monday in May, 1928

WILLIAM F. CASWELL, Secretary

General Superintendent—Salary, \$3,000
EVERETT B. SHERMAN

CEMETERY BOARD

WILLIAM M. HIGHAM, Chairman

WILLIAM M. HIGHAM,	Term expires May 1, 1924
JOHN G. NICHOLSON,	Term expires May 1, 1925
CHARLES H. VINAL,	Term expires May 1, 1926

CHARLES H. VINAL, Secretary

Superintendent of Cemeteries—Salary, \$2,500
SIDNEY B. DeMORANVILLE

REGISTRARS OF VOTERS

Salary \$400 each

CHANNING WILDE, (Dem.)	Chairman	Term expires May, 1926
CHARLES H. SIMMONS, (Rep.)		Term expires May, 1924
JOSEPH DIONNE, (Rep.)		Term expires May, 1925

RODOLPHUS A. SWAN, (Dem.) Clerk, Salary, \$400.

Assistant Registrar, WILLIAM J. CARTER, Salary \$200.

Elected Annually in April by the Board.

LICENSING BOARD

Salary, \$500 each

DANIEL W. BAKER,	Chairman and Secretary
ALDEGE CHAUSSE,	Term expires 1924
DANIEL W. BAKER,	Term expires 1926
JOHN E. McBRIDE,	Term expires 1928

FIRE DEPARTMENT

Board of Fire Engineers

EDWARD F. DAHILL	Chief
	Salary, \$3,500
JAMES J. DONAGHY	Deputy Chief
	Salary, \$2,800
JOHN W. DONAGHY	First District Chief
	Salary, \$2,500
FREDERICK E. RICKETSON.....	Second District Chief
	Salary, \$2,500
AMBROSE F. MERCHANT.....	Third District Chief
	Salary, \$2,500.
FRANCIS P. MACEDO	Clerk of Board

THE NEW BEDFORD PROTECTING SOCIETY.

1923

PRESIDENT :

JOSEPH F. CORNWELL

DIRECTORS.

HENRY S. HUTCHINSON	FRANK P. R. PATTERSON
THOMAS B. AKIN	ERNEST H. BOUCHER
CHAS. S. BAYLIES	GEORGE I. MACY
F. OSCAR COVILL	FREDERICK B. MACY

SECRETARY AND TREASURER :

GEORGE P. HURLL

Allen, Geo. H. H.,
Kelley, Charles S., Jr.
Webber, James A.
Swift, Horace W.
Blair, John K.
Dawe, William C.
Bourne, William S.
Brightman, Harry C.
Brooks, Arthur T.
Coe, I. H., Jr.
Anthony, Merrill D.
Brooks, Andrew J.
Williams, Thos. W.
Russell, Charles A.
Delano, Arthur D.
Read, W. Kempton
Francis, James P.
Gifford, Frank H.
Browne, Frederic T.
Chase, Chester W.
Lawton, Harry C.
Howard, Henry, Jr.
Budlong, James E.
Case, Everett B.
Knowles, Henry S.
Weeks, Allen T.
Francis, Wellington A.
Macy, J. Roland
Manchester, P. F.
Shaw, John C., Jr.
Mendelson, Hyman
Tuell, Clifton P.

Chapman, Laurence D.
Makin, Henry J.
Read, Joseph M.
Perry, Samuel H.
Peirce, Stephen D.
Poirier, Aime J.
Potter, William F.
Oesting, Edward A.
Olivier, Geo. L.
Oman, Charles E.
Smith, Nat. C.
St. Germain, George A.
Francis, Arthur S.
Phillips, William C.
Robinson, Wm. A., Jr.
Macy, Herbert F.
Sharples, Charles H.
Sharples, Arthur
Dunham, Otis M.
Sullivan, Daniel J.
Sears, Louis A.
Taber, Frederic H.
Taylor, Wm. T.
Lancaster, John M.
Williamson T. Wilson
Parker, Ward M.
Burke, Harry
Cook, Otis P.
McKenna, Harold V.
Winslow, Henry S.
Archer, Frederick F.
Rexford, Chester P.

POLICE DEPARTMENT.

(See Annual Report Police Department)

WEIGHERS OF MERCHANDISE

Affleck, William H.	Calverley, James
Allain, Dominick	Callahan, Martin
Allain, Peter	Camelia, William M.
Allard, William A.	Carnian, John
Alves, John	Caron, Girard
Anderson, John	Carter, John J.
Anderson, John E.	Carter, Thomas
Andrew, Harry	Card, James G.
Andrews, Manuel A.	Carroll, Edward J.
Andrew, James T. F.	Caswell, James B.
Andrews, William	Chase, Nathan P.
Appleton, William C.	Chase, William H.
Barrows, Fred	Choquette, Alfred
Bassett, Thomas E.	Christie, Joseph E.
Bates, William	Collins, James
Belanger, Lucien	Comeau, John
Bence, Frederick W.	Coyle, Joseph
Berube, Arthur	Crawford, Samuel G.
Best, Chester A. W.	Crossman, Henry H.
Bibby, William	Curtis, Daniel J.
Blanchflower, James	Cotter, Joseph E.
Blecha, Peter	Connelly, Nathaniel
Blossom, Alonzo C.	Cobb, George S.
Bliss, Frank J.	Cote, Rudolph
Booth, Charles H. W.	Clay, Warren A.
Borden, Frank W.	Costa, Joseph A.
Borden, Horace	Cranshaw, Thomas
Borden, Louis F.	Crowe, George
Borges, Antone A.	Davignon, Norbert T.
Bottomley, William	Davis, William T.
Bower, Arthur T.	Deasy, Charles W.
Bowker, James	DeMello, William C., Jr.
Brady, Joseph	Dexter, George W. S.
Brierly, William	Dion, Alphonse J.
Briggs, Arthur S.	Dolezal, Frank
Brightman, Bradford	Doudican, Henry
Brogden, Harry	Dougherty, Thomas
Brogden, John R.	Downey, Maurice
Broughton, Harry	Draper, Josiah F.
Brown, Manuel	Duckworth, Fred
Brownell, Milton	Duffy, John E.
Brownson, George L.	Duval, Arthur
Brunette, Alex.	Desjeunes, Amaret
Bryant, Alfred O.	Davenport, William
Burke, Raymond	Dessert, Wilfred
Burns, Mary	Devoll, Roy
Butler, Geo. H.	

Dias, Albert J.	Hindle, William T.
Dias, Joseph V.	Hutchings, Walter C.
Donohue, Charles P.	Howard, John W.
Earnshaw, John Oliver	Hyham, William
Entwistle, John	Hanna, William
Ellis, Daniel	Hatch, Clifton N.
Francis, Joseph	Horvitz, Louis
Francis, William H.	Horvitz, Morris
Furtado, Frank	Herve, Benjamin F.
Feenan, Henry A.	Hoard, George
Fernandes, Fred	Holden, Thomas
Franklin, Clarence N.	Howarth, Thomas
Furtado, Manuel J., Jr.	Horne, Albert L.
Ford, Albert	Hughes, William
Fountain Frank H.	Hunter, William
Freitas, Gilbert F.	Hurley, Joseph W.
Frings, Theodore	Isherwood, James J.
Fexteur, Arthur	Irwin, James
Fredette, Henry	Jette, Napoleon
Flathers, Arthur E.	Johnson, Albion C.
Furtado, Manuel J.	Jennings, Elmer H.
Fairclough, Albert	Jacobs, Meda
Findlay, Thomas S.	Kiernan, James F.
Foley, Edward T.	Kenyde, Harry
Frates Thomas	Kenyon, Walter A.
Frates, Mary	King, Joseph F.
Gamble, William	King, William
Gaughan, Martin J.	Kennedy, George
Gantreau, Fred	Kenyon, Robert
Gilbert, Henry S.	Kay, James C.
Girard, Fred	Kennedy, Charles F.
Goldthwait, Bradley D.	Lefond, Romeo
Gosselin, Henry	Leighton, Charles
Goulding, John S.	Lethbridge, Walter
Gray, Charles A.	Lawrence, Herbert
Gray, Philip H.	Lindley, James
Gibbs, Harry	Leighton, Chas. W.
Gannon, Patrick	Levesque, Edgar
Ganson, Joseph	Lawrence, Charles L.
Gogain, Lea	Lemoine, Albert
Gile, John F.	Lord, Thomas
Gimore, Percy A.	Linchan, Peter D.
Gagnon, Joseph	Lussier, Joseph
Grady, Patrick	Lindsay, Robert
Gargan, Maurice T.	Lightbrown, Albert
Greenhalgh, James	Lowe, Charles T.
Grimes, Jolin, Jr.	Lacroix, Leo P.
Guilmette, Alfred	Larocque, Joseph W.
Hall, Joseph P.	LaFond, Romeo J.
Hanrahan, Charles F.	Lee, Maurice
Harder, Frederick M.	Leary, Humphrey
Harney, John J.	Lopes, Albert
Haworth, Archibald W.	Lareau, Joseph
Hayden, Edward D.	Lareau, Theodore
Hayden, John	Macomber, George
Heyliger, Robert	Medeiros, Joseph

McGinnis, John J.
Macomber, James S.
McCullough, George H.
Martin, George R.
Mullens, Thomas P.
Midgley, William
Morgan, William
McGinn, Walter
Magnant, Fred
Maye, J. H.
Murphy, John W.
Mosher, Fred P.
Messier, Wilfred
McKenna, John J.
McGregor, John A.
Mello, John
McCarthy, Edward
Marshall, William
McCann, Frank
McCarthy, Frederick J.
Mullin, James
Manna, Joseph
Medeiros, Joseph V.
Mein, Frederick D.
Murphy, Philip
Masse, Arthur
Marshall, Joseph, Jr.
McDonell, John
Mello, Joseph T.
Mulkerne, James
Macy, Harry
Miller, John G.
Moore, Joseph E.
McCarthy, Elsie
Macy, Frank H.
Morris, William J.
Morton, Walter S.
Mulkearns, Thomas F.
Niles, Thomas
Nield, Arthur
Neagus, James P.
Niles, Abram
Neary, William
Nelson, Joseph
Neagus, John P.
Oliver, Harold W.
Openshaw, W.
Paquin, Frank
Pierce, Clarence E.
Potter, John L.
Pease Luther M.
Paul George W.
Pinard, Yvonne
Phinney, George H.
Pontbriand, Oscar

Potter, William H.
Putnam, Arthur C.
Parkins, Bertha
Quigley, Thomas F.
Quinn, Michael
Robinson, Leslie P.
Roy, John
Ross, Samuel
Rego, Ernest
Rawlinson, John
Roy, Romuald J.
Ryan, Ambrose J.
Rejsek, John
Richard, Philias
Robert, Alec
Rego, Angelo
Rawcliffe, Percy
Rogers, Henry V.
Rawstron, John T.
Robitaille, Ernest
Ryder, Thomas
Rogers, Frank
Russell, Charles D.
Reynolds, William
Rankin, Archibald
Richards, Clement
Rooney, John
Roberts, Leonard
Ramie, Albert
Robinson, Frank J.
Rose, Lillian M.
Reed, Jirch
Roy, Joseph R.
Ratchliffe, Ralph
Riach, Nessie
Richardson, Clifford G.
Snow, Russell
Sylvia, Ernest
Soule, Frederick
Smith, Charles M.
Sisson, Minerva M.
Sayles, Harry D.
Sylvia, Michael B.
Santos, Manuel A.
Sylvia, Antone L.
Sullivan, William H.
Saxon, George N.
Sayles, Joseph A.
Sylvia, Manuel T.
Swallow, Samuel
Swann, William
Sampson, Charles A.
Scott, Andrew
Sylvia, Manuel F.
Stirrup, John

Speak, James
Sullivan, John F.
Smith, J. Harold
Stott, Daniel
Sumner, John
Shaw, Chauncey L.
Spencer, Walter G.
Spoonner, Ralph G.
Sandham, Thomas
Sargent, George
Smythe, Fred R.
Sterling, Walter
Sullivan, Daniel J.
Sadler, William T.
Sartoris, M. G.
Silva, Frank
Smith, J. Evelyn
Stokol, George
Sipinsky, J.
Sartoris, John R.
Terry, Stanley W.
Thibeau, Ludger J.
Taylor, Edward F.
Tripp, Jabez D.
Thompson, Arthur
Tripp, Desmond W.
Taylor, Samuel

Tripp, Lewis S.
Travers, Charles I.
Toussaint, Charles
Tait, Andrew
Vaudry, Lewis F.
Vieira, John R.
Wilkinson, Leonard
Wilson, Wallace B.
Welsh, William G.
Winslow, Henry S.
Weeks, John L.
Wilding, George
Whyatt, John
Walker, Sam
Wilkinson, Leonard
Wilson, Mathew
Walsh, Martin E.
West, Charles H.
Winn, Thomas P.
Whalley, James
Whittaker, James M.
Walsh, Richard
Wood, John
Wood, Floyd
Young, Charles
Young, Orville E.
Zysk, Frank

Weighers of Coal

Anderson, John
Bates, William
Booth, Chas. H. W.
Borden, Horace
Bowman, Fred G.
Briggs, Arthur S.
Burke, Raymond
Brady, Joseph
Chase, Nathan P.
Coe, William A.
Crossman, Henry H.
Carter, John J.
Chase, William H.
Clay, Warren A.
Cobb, George S.
Cotter, Joseph G.
Calverley, James
Crawford, Samuel
Draper, Josiah F.
Earnshaw, John Oliver
Francis, William H.
Furtado, Manuel J., Jr.
Franklin, Clarence N.
Flathers, Arthur E.

Foley, Edward F.
Francis, Joseph A.
Gray, Charles A.
Greenhalgh, James
Greenwood, Stanley H.
Guay, Arva
Gile, John F.
Goldthwait, Bradley D.
Handford, John E. W.
Harder, Frederick M.
Hayden, Edward D.
Heyliger, Robert
Hindle, William T.
Hutchings, Walter C.
Jennings, Ralph A.
King, Joseph
Kenyon, Walter A.
Leighton, Charles
Lecuyer, Wilfred
Lindsay, Robert
Leonard, George
Lowe, Charles T.
Leary, Humphrey
Lopes, Albert

Macomber, George	Robinson, Frank J.
Macomber, James S.	Ratliffe, Ralph
Montgomery William L.	Sisson, Minerva M.
Mein, Frederick D.	Sayles Harry D.
Moore, Joseph E.	Santos, Manuel A.
Macy, Frank H.	Sullivan, William H.
Morton, Walter S.	Saxon, George N.
Neves, Rose	Sampson, Charles A.
Potter, John I.	Sylvia, Manuel F.
Pease Luther M.	Smith, J. Harold
Phinney, George H.	Shaw, Chauncey L.
Pontbriand, Oscar	Stokoe, George
Potter, William H.	Terry, Stanley W.
Pierce, Nathaniel E.	Tripp, Jabez D.
Robinson, Leslie P.	Tripp, Lewis S.
Raymond, Thomas A.	Travers, Charles I.
Ross, Samuel	Toussaint, Charles
Roy, Romald J.	Tait, Andrew
Ryan, Ambrose J.	Wilson, Wallace B.
Rawcliffe, Percy	Walker, Sam
Russell, Charles D.	Winn, Thomas P.
Reynolds, William	Young, Orville E.

Weighers of Boilers and Heavy Machinery

Bates, William	Leighton, Charles W.
Booth, Charles H. W.	Lindsay, Robert
Borden, Milton L.	Leary, Humphrey
Brady, Joseph	Macomber, George
Briggs, Arthur S.	Mein, Frederick D.
Burke, Raymond	Macy, Frank H.
Calverley, James	Moore, Joseph
Chase, Nathan P.	Potter John L.
Clarke, Thomas J.	Phinney, George H.
Clay, Warren A.	Pontbriand, Oscar
Cobb, George S.	Robinson, Leslie P.
Coe, William A.	Roy, Romuald J.
Crawford, Samuel J.	Ryan, Ambrose J.
Draper, Josiah F.	Rawcliffe, Percy
Earnshaw, John Oliver	Russell, Charles D.
Flathers, Arthur E.	Reynolds William
Franklin, Clarence N.	Robinson, Frank J.
Francis, William H.	Ratliffe, Ralph
Furtado, Manuel J. Jr.	Sisson, Minerva M.
Francis, Joseph A.	Sampson, Charles A.
Gile, John F.	Sylvia, Manuel F.
Goldthwait, Bradley D.	Smith, Harry
Gray, Charles	Stokoe, George
Guay, Arva	Tripp, Jabez D.
Hayden, Edward D.	Tripp, Lewis S.
Heyliger, Robert	Travers, Chas. I.
Hindle, William T.	Wilson, Wallace B.
King, Joseph J.	Walker, Sam
Kenyon, Walter A.	

Measurers of Lumber

Beetle, John T.	Howe, Benamin F.
Croacher, Thomas	Meakin, James D.
Cardoza, George	Peckham, Millard B.
Doane, Joshua G.	Spooner, Daniel A.
Dunham, Curtis F.	Slocum, William L.
Coggeshall Henry B.	Thornton, Ray Udell
Gardner, Hervey B.	Saltus, Ralph

Measurers of Wood and Bark

Borden, George B.	Spooner, Alonzo W.
Borden, Harrison T.	Spooner, Daniel A.
Borden, Horace	Thornton, Ray Udell
Bowman, Fred G.	Westgate, Clarence E.
Howe, Benjamin F.	

Special Police

Adams, Andrew J.	Bourbeau, Augustine
Allen, Harry	Braman, Everett W.
Allen, John	Brennan, Edward James
Almond, Milton M.	Brown, Joseph S.
Alves, John	Brownell, Harold R.
Alwis, William H.	Burke, T. Harold
Andrews, Arthur F.	Butler, George H.
Arkison, Henry J.	Byrne, James
Ashley William L.	Carlson, Eric A.
Avelar, Manuel T.	Carman, Thomas
Avillar, Joseph P.	Carpenter, William E. C.
Babineau, Celestine	Castro, John
Backus, Henry D.	Chamberlain, James F.
Bakus, William L.	Charland, George O.
Baldwin, Lewis D.	Charlebois, Arthur D.
Bannon, James S.	Charlebois, George P.
Barabe, Leodore D.	Chase, Elliott
Barron, Thomas	Cheadle, John
Barry, John	Chenard, Alphonse
Beauparlant, Wilfrid	Clarke, Malcolm L.
Bence, Frederick W.	Clough, George H.
Bergon, William F.	Coleman, John M.
Bernier, John	Cook, James
Bicknell, John H., Jr.	Cordeira, Manuel
Blackburn, Thomas	Cornell, Edmund M.
Bock, Herman	Cote, Hornidas
Bochman, Allen E.	Davignon, Romeo
Boehler, Joseph	Davis, Alfred A.
Booth, Joseph	Davis, Edwin F.
Borden, George B.	Davis, William T.

Dean, Sylvester	Kisla, Stanley
Desruisseau, Philip	Kowalczyk, Jacob
DeVoll, Roland	Lasell, Herbert F.
DeWoll, Charles H.	Lawrence, John D.
Doyan, Samuel	Leboeuf, George
Dresner, William	Leoard, Joseph P.
Ducheneau, Joseph A.	Lafrenais, Alphonse
Duffy, John E.	Lemaire, Henry
Dupont, Ernest	Lamontagne, Emile
Eccleston, Thomas F.	Lemery, Arcade
Embersen, George	Lawton, Harry C.
Enos, Francis	Latimer, James
Enos, Frank, Jr.	Lemaire, Albert
Fitzgerald, John	Lewis, Manuel
Fredette, Francis S.	Lalanne, Arthur
Freitas, John A.	Leblanc, Edward
Fernandes, Antone	Lyons, William H.
Fredette, George	Lyons, Patrick J.
Fortin, Alphonse	Morris, Thomas
Ferreira, Joseph	Martin Arthur L.
Foster, Antone	Matthews, Henry J.
Fallows, Richard F.	Moore, William J.
Frechette, Ovide	McKim, Samuel
Foisy, Prosper, Jr.	Marcotte, Joseph T.
Frasier, John E.	Mathieu, Rock P.
Foutter, Robert P.	Miller, Samuel
Fernandes, Joseph H.	Miller, James J.
Figueiredo, Manuel J.	McNeeley, Thomas J.
Furtado, Manuel J.	Masson, Charles
Fay, Thomas	McAfee, Wm. H.
Gifford, Alvin S.	Marcotte, Elisee P.
Gifford, John F.	Maye, James H.
Gifford, Charles Leon	Moniz, Manuel P.
Gifford, Joseph A.	Mello, William C.
Gomes, Martin A.	Marcoux, Arcade
Gonsalves, Joseph	Metthe, Wilfred
Grew, John W.	Marcoux, Henry
Hall, Andrew M.	Millette, Jean S.
Hall, George J.	Morse, Frank
Hall, Frank	McGinnes, John J.
Hall, Joseph P.	Mallon, John
Hammond, Henry W.	Marshall, Charles J.
Hankerson, James H., Jr.	McGrath, Michael J.
Healey, William	Menard, Honore
Heap, John R.	McCarty, John J.
Heath, George R.	Mercer, William
Helme, Robert G.	McMahon, Andrew P.
Hersey, Charles F.	Macomber, Leland R.
Heys, John L.	McDermott, Charles
Hierholcer, Charles T.	Morris, Edward
Irwin, James	Miller, Eugene W.
Johnson, Joseph F.	McDonnell, Francis J.
Johnson, Charles Wm.	Martin, Arthur L.
Johnson, John	Matthews, Henry G.
Kelley, John	Morris, Thomas

McCoy, Martin	Stanbridge, Hiram T.
Nelson, John L.	Stowell, Herbert B.
Norton, Charles H.	Stowell, Samuel F.
Openshaw, William T.	Sargent, William A.
Ouillet, Thomas	Sisson, Samuel S. M.
O'Brien, William	Souza, Joao G. de
Pimentel, Ricardo F.	Soares, Charles S.
Poirier, Ovila	Schmidt, Albert
Perry, Stephen J.	Sharples, William
Peters, Antone	Sanderson, George H.
Pemberton, Len	Smith, Alvin J.
Perkins, William D.	Sylvia, Joseph F.
Pisarczyk, John	Sylvia, William M.
Pilkington, John	Stephens, Henry A.
Pacheco, Antone, Jr.	Sylvia, Antone
Parr, Albert	Schley, Gilbert S.
Parkinson, James	Sylvia, Anthony T.
Potvin, Joseph	Souza, Alvaro De
Rush, Maynard F.	Simas, Joseph
Reynolds, William	Smith, John T.
Rogers, Henry Vera	Stringer, Charles, Jr.
Rawcliffe, Arthur	Stringer, Harry
Ross, Charles C.	Sylvia, Manuel E.
Rezendes, Constantine	Taylor, George S.
Rose, Anthony	Tripp, Charles H.
Rita, Jose Coelho	Tavares, Joao Moniz
Ray, John	Tilton, Wallace C.
Rourke, Edward J.	Thompson, John P.
Raulins, Arthur J.	Thomas, Sillia
Richard, Joseph C.	Tavares, John
Rivard, Elmo P.	Turner, Albert E.
Reid, Robert	Taylor, Joseph
Riley, William	Vera, Laurence
Roderick, Antone	Woolley, Arthur
Ramos, Francisco S.	Wheeler, Frederick F.
Riley, William L.	Wood, James A.
Rogers, Gideon D.	Walton, Thomas E.
Rose, Manuel	Washburn, Frank E.
Rourke, William P.	Walker, George H.
Robert, Edward	York, Irving LeRoy
Russell, Henry C.	Young, William C.
Rose, Augustus T.	Young, Henry D.

ELECTION OFFICERS.

Term of Office Expires September 15, 1923.

*Star indicates qualification. All officers must qualify before serving. Deputies serve in place of absent regulars when possible.

WARD 1, PRECINCT A

Regular

*1	Warden	HENRY FOURNIER	R	318 Earle St.
2	Clerk	JOSEPH HERBERT	D	183 Phillips Ave.
*3	Inspector	CLOTILDA KOBZA	R	92 Tallman St.
*4	"	HERBERT W. SUTTON	D	374 No. Front St.
*5	"	LILLIAN GAQUETTE	R	1602½ Acushnet Av.
*6	"	JOSEPHINE VALLIER	D	1498 Acushnet Ave.

Deputies

*1	Warden	JAMES T. POWERS	R	155 Ashley Blvd.
*2	Clerk	WILLIAM BESSETTE	D	56 Nye St.
3	Inspector	MARGT ASHWORTH	R	90 Tallman St.
*4	"	MARY A. T. KANE	D	113 Bullard St.
*5	"	MILLIE MILLS	R	128 Deane St.
*6	"	ALBERT SMITH	D	130 Church St.

WARD 1, PRECINCT B

Regular

*1	Warden	CHARLES K. LEWIN	R	243 Wood St.
2	Clerk	ERNEST DUPONT	D	367 Sawyer St.
*3	Inspector	ANDREW C. CONN	R	141 Holly St.
*4	"	LAURA E. PROVOST	D	391 Ashley Blvd.
*5	"	DELLA GIRARD	R	91 Bullard St.
*6	"	DORA CHAUSSE	D	125 Phillips Ave.

Deputies

1	Warden	JOSEPH Z. BOUCHER	R	253 Collette St.
2	Clerk	ETIENNE ROBITAILLE	D	130 Tallman St.
*3	Inspector	A. A. NORMANDIN	R	292 Coffin Ave.
*4	"	R. DEL. BLANCHETTE	D	197 Nash Rd.
*5	"	E. A. WESTGATE	R	3925 Acushnet Ave.
*6	"	ELLEN BOWLER	D	72 Hathaway St.

MUNICIPAL REGISTER

WARD 1, PRECINCT C

Regular

*1	Warden	JOSEPH A. MAHONEY	D	218 Tinkham St.
*2	Clerk	LOUIS J. ROBITAILLE	R	307 Ashley Blvd.
*3	Inspector	JOHN PILKINGTON	D	116 Hathaway St.
*4	"	MARY E. MCKENZIE	R	116 Hathaway St.
*5	"	ANTONIA THERIEN	D	125 Phillips Ave.
*6	"	ADELINA QUERY	R	1814 Acushnet Ave.

Deputies

*1	Warden	MICHL FITZPATRICK	D	87½ Hathaway St.
*2	Clerk	JOSEPH A. GENDRON	R	304 Collette St.
3	Inspector	MARGT V. O'BRIEN	D	286 Ashley Blvd.
4	"	GEO. W. ALLEN, JR.	R	192 Whitman St.
5	"	KATH. A. O'BRIEN	D	286 Ashley Blvd.
*6	"	ALIDA FREDETTE	R	156 Davis St.

WARD 1, PRECINCT D

Regular

*1	Warden	ERNEST A. DUNHAM	D	138 Deane St.
*2	Clerk	PHILIAS VALLIER	R	1498 Acushnet Ave.
3	Inspector	ELSIE F. HAWES	D	2339 Acushnet Ave.
*4	"	HENRI CHARPENTIER	R	140 Central Ave.
*5	"	ANINA PLANT	D	200 Collette St.
6	"	RUTH R. KELLEY	R	208 Davis St.

Deputies

1	Warden	WM. BEAREGARD	D	189 Ashley Blvd.
2	Clerk	HERCULE J. GUILLET	R	52 Arlington St.
3	Inspector	WILLIAM GREEN	D	289 Earle St.
*4	"	EVA WOOD	R	924 Belleville Ave.
5	"	ANN KENNEY	D	292 Earle St.
*6	"	MARTHA METCALF	R	293 Tarkilm Hill Rd.

WARD 1, PRECINCT E

Regular

*1	Warden	DOLOR A. HOULE	R	203 Tinkham St.
*2	Clerk	FRED. H. ROSCOW	D	259 Ashley Blvd.
*3	Inspector	CHAS. E. FOURNIER	R	189 Tinkham St.
*4	"	KATH. M. O'BRIEN	D	135 Hathaway St.
*5	"	CATHERINE WALSH	R	41 Covell St.
*6	"	EMILY GOBEILS	D	134 Ashley Blvd.

Deputies

*1	Warden	D. MAILLOUX	R	146 Deane St.
2	Clerk	TIMOTHY O'BRIEN	D	286 Ashley Blvd.
*3	Inspector	GERTRUDE SMITH	R	227 Belleville Rd.
*4	"	PETER T. JEFFRIES	D	82 Glennon St.
*5	"	ELIZABETH EMERSON	R	194 Eugenia St.
6	"	ROSALIE JUSSAUME	D	306 No. Front St.

WARD 1, PRECINCT F**Regular**

*1	Warden	LEROY F. STURGIS	R	2115 Acushnet Ave.
*2	Clerk	JEAN A. FORAND	D	340 Ashley Blvd.
3	Inspector	RICHARD RUDELL	R	400 Tarkilm Hill Rd.
*4	"	CLARA MEAL	D	122 Whitman St.
*5	"	EDITH JENKINSON	R	1602½ Acushnet Ave.
*6	"	DOROTHY COX	D	415 Ashley Blvd.

Deputies

1	Warden	HENRY H. DOUDICAN	R	197 Hersom St.
2	Clerk	JAMES E. HARDMAN	D	164 Church St.
*3	Inspector	HENRY QUINTIN	R	333 Ashley Blvd.
*4	"	MARY FITZPATRICK	D	87½ Hathaway St.
*5	"	ELIZABETH M. WARD	R	126 Princeton St.
6	"	ODA ROBITAILLE	D	130 Tallman St.

WARD 1, PRECINCT G**Regular**

*1	Warden	OTIS A. SISSON	R	3913 Acushnet Ave.
*2	Clerk	WILLIAM E. MURRAY	D	19 Vernon St.
*3	Inspector	DANIEL A. SPOONER	R	3243 Acushnet Ave.
*4	"	FRIDOLIN SENFT	D	237 Belleville Rd.
*5	"	VALINE CHENEL	R	17 Fielding St.
*6	"	SARAH A. FORBES	D	227 Eugenia St.

Deputies

1	Warden	B. WOOLEY, JR.	R	113 Felton St.
*2	Clerk	ALICE E. POIRIER	D	48 Brewster St.
3	Inspector	E. A. PICHETTE	R	148 Tallman St.
*4	"	CORA MESSIER	D	136 Holly St.
*5	"	SERINA T. HOULE	R	12 Covell St.
6	"	MARY A. CRAWFORD	D	1264 Acushnet Ave.

WARD 1, PRECINCT H**Regular**

*1	Warden	W. F. D. LETHBRIDGE	R	292 Coffin Ave.
*2	Clerk	F. D. LIONEL HOULE	D	103 Perry St.
3	Inspector	JAMES L. CONNELLY	R	34 Concord St.
*4	"	FLOR. H. GREGSON	D	325 Ward St.
5	"	A. G. McCARTHY	R	Sassaquin San.
*6	"	MARY G. F. DAVIS	D	3837 Acushnet Ave.

Deputies

*1	Warden	FRANK E. WASHBURN	R	2443 Acushnet Ave.
2	Clerk	VACANCY	D	
*3	Inspector	ALBIN GALLANT	R	77 Arlington St.
*4	"	VACANCY	D	
*5	"	LENA KOBES	R	3627 Acushnet Ave.
6	"	VACANCY	D	

WARD 2, PRECINCT A**Regular**

*1	Warden	THOMAS F. LEWIN	R	25 Marvin St.
2	Clerk	STEPH. H. SULLIVAN	D	253 Cedar Grove St.
*3	Inspector	BLANCHE BOURGET	R	102 Beetle St.
*4	"	GEO. H. GOULET	D	35 Linden St.
*5	"	KATHERINE CALNEN	R	239 State St.
*6	"	JAMES CONWAY	D	6 Ashley Blvd.

Deputies

1	Warden	WILLIAM McCANN	R	200 No. Front St.
*2	Clerk	MARY E. LEARY	D	103 Austin St.
3	Inspector	PATRICK J. GALLIGAN	R	18 Collins St.
4	"	MARION V. NEWTON	D	21 Marvin St.
5	"	FABIOLA C. MAGNANT	R	227 State St.
*6	"	HENRY LAFRANCE	D	332 Sawyer St.

WARD 2, PRECINCT B**Regular**

*1	Warden	ALBERT BOURGET	R	102 Beetle St.
2	Clerk	PATRICK F. BURNS	D	102 Beetle St.
*3	Inspector	ERNEST S. DAVIGNON	R	451 Coggeshall St.
*4	"	MARY E. SULLIVAN	D	8 Clark St.
*5	"	T. H. HOLLIHAN	R	91 Vine St.
*6	"	KATH. A DENHAM	D	62 Peckham St.

Deputies

1	Warden	WILLIAM OGDEN	R	1453 Pleasant St.
2	Clerk	HANS BEST	D	1132 Acushnet Ave.
3	Inspector	JOHN CAMERON	R	958 County St.
*4	"	ANNIE BANNON	D	228 State St.
5	"	CLARA ASHWORTH	R	53 Peckham St.
6	"	MICHAEL J. RILEY, JR.	D	34 Vine St.

WARD 2, PRECINCT C**Regular**

*1	Warden	HECTOR E. SOLY	R	102 Mt. Pleasant St.
*2	Clerk	VICTOR LEMIEUX	D	178 Weld St.
*3	Inspector	J. ALFRED DUMOULIN	R	495 Summer St.
*4	"	MARY A. CALNAN	D	239 State St.
*5	"	L. M. MARSHALL	R	650 Cottage St.
*6	"	R. B. CAVANAUGH	D	7 Glover St.

Deputies

*1	Warden	FRANCIS A. LANG	R	864 County St.
*2	Clerk	WALTER WILKINSON	D	12 Trinity St.
3	Inspector	VACANCY	R	
4	"	FLORENCE MORRIS	D	1453 Pleasant St.
5	"	MARY TAYLOR	R	484 Coggeshall St.
6	"	VACANCY	D	

WARD 2, PRECINCT D**Regular**

*1	Warden	JAMES S. McGRATH	D	11 Reynolds St.
*2	Clerk	JAMES F. HALLERAN	R	11 Reynolds St.
*3	Inspector	A. L. MAGNANT	D	227 State St.
*4	"	HORACE R. COUPE	R	26 Bullock St.
*5	"	ALBINA MAHON	D	56 Linden St.
6	"	JENNIE CON	R	9 Studley St.

Deputies

*1	Warden	JOHN CORRY	D	21 Peckham St.
*2	Clerk	JOHN C. BROWN	R	353 Cedar Grove St.
3	Inspector	VACANCY	D	
4	"	HUBERT A. SLATER	R	78 Linden St.
5	"	FLORENCE CONWAY	D	6 Ashley Blvd.
*6	"	WILLIAM J. RILEY	R	536 Summer St.

WARD 2, PRECINCT E**Regular**

*1	Warden	EDWARD H. McELENY	R	36 Myrtle St.
2	Clerk	JOHN DOWNEY	D	28 Myrtle St.
3	Inspector	WILLIAM N. ARNETT	R	14 Collins St.
*4	"	JOHN J. PURCELL	D	51 Vine St.
*5	"	ALICE M. STARKIE	R	105 Hazard St.
*6	"	LILLIAN G. KANE	D	40 Vine St.

Deputies

1	Warden	WM. H. FLETCHER	D	71 Peckham St.
*2	Clerk	ARTHUR W. BARTLE	R	5 Linden St.
*3	Inspector	GEORGE MASON	D	172 Austin St.
*4	"	ANNA I. GREEN	R	492 Sawyer St.
*5	"	MARY QUINN	D	237 State St.
6	"	KATH. MULLIGAN	R	940 County St.

WARD 2, PRECINCT F**Regular**

*1	Warden	MICHAEL J. HURLEY	D	49 Vine St.
*2	Clerk	EDWIN P. ASHWORTH	R	570 Summer St.
*3	Inspector	EDWARD M. MURPHY	D	8 Glover St.
*4	"	ANNA E. THERIEN	R	102 Mt. Pleasant St.
*5	"	ALICE M. CAWLEY	D	18 Vine St.
*6	"	ALICE BARBER	R	128 Clark St.

Deputies

1	Warden	LENA BONNIN	D	842 County St.
2	Clerk	JOSEPH GRUNDY	R	3 Glover St.
*3	Inspector	ALICE M. REDDY	D	65 Mt. Pleasant St.
4	"	JOHN BEAUDRY	R	152 Adams St.
*5	"	EDITH GURL	D	551 Sawyer St.
*6	"	ELLA B. HEBERT	R	161 Adams St.

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WARD 2, PRECINCT G

Regular

*1	Warden	JOHN J. TOOMEY, JR.	D	16 Ashland Ter.
*2	Clerk	ALFRED P. BERARD	R	526 Summer St.
*3	Inspector	EDWARD MAYNARD	D	239 Austin St.
*4	"	A. CHARPENTIER	R	95 Richmond St.
*5	"	LORETTA HURLEY	D	49 Vine St.
*6	"	MABEL I. CHASE	R	205 Shawmut Ave.

Deputies

1	Warden	JOSEPH BOOTH	D	33 Trinity St.
2	Clerk	PHILLIP HICKEY	R	390 Cedar St.
3	Inspector	WILLIAM TREMBLE	D	1217 Rockdale Ave.
*4	"	ISABEL W. LAW	R	210 Austin St.
5	"	MARGARET C. QUINN	D	367 State St.
*6	"	ALFRED TAYLOR	R	39 Bullock St.

WARD 3, PRECINCT A

Regular

*1	Warden	WILLIAM S. GIFFORD	D	144 State St.
*2	Clerk	CHARLES A. HALL	R	1207 Pleasant St.
*3	Inspector	JAMES J. FINN	D	161 North St.
*4	"	ELIZA C. MURPHY	R	220 Summer St.
*5	"	ANNA C. RICKETSON	D	42 Keene St.
*6	"	EMMA M. CASWELL	R	49 Smith St.

Deputies

1	Warden	THOMAS J. CLYNES	D	1682 Purchase St.
*2	Clerk	MARY E. O'MALLEY	R	511 Cottage St.
3	Inspector	M. A. HARRINGTON	D	16 Franklin St.
4	"	THOS. W. CHAPMAN	R	68 Maxfield St.
*5	"	EMMA J. THOMAS	D	344 Cedar St.
*6	"	ALTA D. CASE	R	101 State St.

WARD 3, PRECINCT B

Regular

*1	Warden	JAMES S. BAMFORD	R	90 Merrimac St.
*2	Clerk	PHILIP MONTY, JR.	D	1271 Pleasant St.
*3	Inspector	EDW. T. MAHONEY	R	508 Cottage St.
*4	"	MARY H. DOYLE	D	77 Merrimac St.
*5	"	ETTA ST. C. WRIGHT	R	96 Maxfield St.
6	"	MARY M. COTTER	D	137 Summer St.

Deputies

*1	Warden	ANNIE A. BEETLE	R	76 Maxfield St.
2	Clerk	FRANK CAMPBELL	D	511 Acushnet Ave.
*3	Inspector	MARY B. KANE	R	384 Cottage St.
*4	"	MARY F. MacILWAIN	D	202 Campbell St.
*5	"	ANNA C. TURNER	R	407 Park St.
6	"	HELEN HUGHES	D	1060 Pleasant St.

WARD 3, PRECINCT C**Regular**

*1	Warden	ARTHUR B. CASE	R	101 State St.
*2	Clerk	JOHN P. O'HARA	D	25 Richmond St.
*3	Inspector	PHILIP J. SHERMAN	R	665 County St.
*4	"	TIMOTHY J. DORGAN	D	5 Tilton St.
*5	"	SADIE H. DEXTER	R	56 Campbell St.
*6	"	L. C. BRIGHTMAN	D	76 Willis St.

Deputies

*1	Warden	PATRICK J. WADE	R	62 Walden St.
*2	Clerk	JOHN C. CLARK	D	63 State St.
*3	Inspector	MARGT G. MURPHY	R	560 County St.
*4	"	MARY PALMER	D	69 Sycamore St.
5	"	MARY L. DONAGHY	R	194 Maxfield St.
6	"	MARY LENTZ	D	97 Locust St.

WARD 3, PRECINCT D**Regular**

*1	Warden	STEPHEN B. ARNOLD	R	525 Cottage St.
*2	Clerk	JOHN H. HOLLIHAN	D	342 Cedar St.
3	Inspector	ANDERSON H. SWIFT	R	98 Campbell St.
*4	"	LAURA CULIHANE	D	299 Summer St.
*5	"	WALTER S. MacPHAIL	R	304 Summer St.
*6	"	ELIZABETH M. YATES	D	151 Merrimac St.

Deputies

*1	Warden	CHARLES L. DAVIS	R	49 Maitland St.
2	Clerk	WILLIAM F. HILL	D	287 Pope St.
*3	Inspector	MARY E. EVANS	R	83 Walden St.
4	"	MICHAEL F. FARRELL	D	281 Summer St.
*5	"	FLORENCE WALLACE	R	68 Spruce St.
*6	"	ANNIE E. POLLOCK	D	97 Locust St.

WARD 3, PRECINCT E**Regular**

*1	Warden	DANIEL J. SULLIVAN	D	100 Hillman St.
*2	Clerk	WILLIAM YORK	R	123 Cedar St.
*3	Inspector	JAMES A. REED	D	61 Chestnut St.
*4	"	AMELIA N. TRASK	R	93 Sycamore St.
*5	"	MARGARET T. RYAN	D	266 Pope St.
*6	"	GAETANO SEIELINO	R	73 Jenny Lind St.

Deputies

1	Warden	THOMAS V. BRENNAN	D	220 Smith St.
*2	Clerk	JAMES E. SARGENT	R	25 Richmond St.
3	Inspector	JOSEPH P. RIELLY	D	9 Richmond St.
*4	"	GLADYS ALLMOND	R	143 State St.
*5	"	JOHN J. BEGLEY	D	32 Maitland St.
*6	"	GRACE I. BRIGHTMAN	R	85 Sycamore St.

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WARD 3, PRECINCT F

Regular

*1	Warden	ABNER P. POPE	R	63 Thomas St.
*2	Clerk	EDWARD C. JOHNSON	D	36 Keene St.
*3	Inspector	EDWARD W. BESSE	R	1101 Pleasant St.
*4	"	ALBERT C. WELCH	D	105 Summer St.
*5	"	MARY A. LeCLAIRE	R	25 Richmond St.
*6	"	KATHRYN C. TABER	D	20 Shawmut Ave.

Deputies

*1	Warden	FRANK C. GREENE	D	162 Campbell St.
*2	Clerk	JOHN H. RYAN, JR.	R	149 Newton St.
3	Inspector	MRS. A. E. FRENCH	R	124 Locust St.
4	"	JOHN R. WALSH	D	2 Milton St.
*5	"	CATH. M. DWYER	R	65 Spruce St.
*6	"	H. W. BRIGHTMAN	D	76 Willis St.

WARD 3, PRECINCT G

Regular

*1	Warden	PETER F. SULLIVAN	D	527 Cottage St.
*2	Clerk	EDWARD H. CARTER	R	890 Pleasant St.
*3	Inspector	WILLIAM T. DAVIS	D	171 Summer St.
*4	"	NORA K. STOWELL	R	319 Park St.
*5	"	ELCY O. MARSHALL	D	123 Parker St.
*6	"	CLARA A. GAMMONS	R	254 Maxfield St.

Deputies

1	Warden	WILLIAM T. NYE	D	121 Shawmut Ave.
2	Clerk	THOMAS YATES	R	266 Hillman St.
3	Inspector	ANDREW C. HURLEY	D	379 North St.
*4	"	H. N. DEXTER	R	56 Campbell St.
*5	"	JENNIE DONAGHY	D	144 Cedar St.
6	"	Vacancy	R	

WARD 4, PRECINCT A

Regular

*1	Warden	PHILIP S. BRIGGS	D	483 County St.
*2	Clerk	L. M. BUFFINTON	R	418 Union St.
3	Inspector	GEORGE H. SALTUS	D	48 Florence St.
*4	"	FRED. D. BARROWS	R	57 Foster St.
*5	"	ALICE E. GRAY	D	285 Middle St.
*6	"	MABEL F. COOKE	R	30 Buttonwood St.

Deputies

1	Warden	EDWARD H. TABER	D	1024 Purchase St.
*2	Clerk	SIMEON LIVESLEY	R	255 Reed St.
*3	Inspector	JAMES H. TAYLOR	D	32 Atlantic St.
*4	"	FRANK O. COVILL	R	390 Union St.
*5	"	ADELLE TREMBLAY	D	256 Union St.
*6	"	NELLIE F. OLIVER	R	283 Kempton St.

WARD 4, PRECINCT B**Regular**

*1	Warden	OBED S. COWING	R	559 Kempton St.
*2	Clerk	C. R. ROCKEFELLER	D	144 Mill St.
*3	Inspector	A. J. BERTHAUME	R	339 Court St.
*4	"	J. F. FITZSIMMONS	D	30 Hill St.
*5	"	SARAH B. STONE	R	844 Pleasant St.
*6	"	HANNAH F. McENNIS	D	181 Middle St.

Deputies

1	Warden	PAUL P. VANCINNI	R	144 Chancery St.
2	Clerk	FRANK C. BLIFFINS	D	411 Pleasant St.
3	Inspector	THOMAS DWYER	R	152 North St.
*4	"	MARY R. ELLIS	D	190 Kempton St.
*5	"	LEONA M. PEACH	R	104 Park St.
*6	"	ELEANOR G. BREEN	D	38 Emerson St.

WARD 4, PRECINCT C**Regular**

*1	Warden	EDWARD B. GRAY	D	285 Middle St.
*2	Clerk	CHESTER E. DAVIS	R	82 Morgan St.
*3	Inspector	PATRICK J. NORTON	D	988 Pleasant St.
*4	"	KATHERINE T. PAYNE	R	1412 Pleasant St.
*5	"	ANASTASIA O'KEEFE	D	88 Mill St.
*6	"	ETHEL M. MAHONEY	R	773 Rockdale Ave.

Deputies

*1	Warden	ANNA A. ST. JACQUES	D	83 Liberty St.
*2	Clerk	CHARLES E. CARROLL	R	247 Middle St.
*3	Inspector	PAULINE COLLET	D	113 Armour St.
4	"	ANTHONY LOMBA	R	21 Emerson St.
5	"	HELEN M. BENOIT	D	91 Tremont St.
*6	"	MARY A. HAYDEN	R	511 County St.

WARD 4, PRECINCT D**Regular**

*1	Warden	JOSEPH N. FINNI	R	193 Court St.
*2	Clerk	PETER J. RILEY	D	53 Morgan St.
*3	Inspector	EDWARD P. SADLER	R	404 Union St.
*4	"	JOS. L. FORESTER	D	299 Chancery St.
*5	"	MARY D. CARR	R	100 Morgan St.
*6	"	V. A. BERTHAUME	D	339 Court St.

Deputies

*1	Warden	MARSHALL S. GREENER	R	223 Brownell St.
2	Clerk	FRANK G. COONYER	D	286 Ash St.
3	Inspector	JESSIE COBB	R	179 Tremont St.
4	"	EVERETT A. DUNHAM	D	119 Court St.
*5	"	MARY B. TRIPP	R	267 Mill St.
*6	"	ROSE KING	D	156 Morgan St.

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WARD 4, PRECINCT E

Regular

*1	Warden	ANDREW TATE	D	399 Elm St.
2	Clerk	ALBERT E. WELSH	R	114 Newton St.
*3	Inspector	ALBERT KENNEDY	D	126 Mill St.
*4	"	WILLIAM E. CARROLL	R	568 Kempton St.
*5	"	MARGARET M. BRADY	D	85 Chancery St.
*6	"	MAY DAVIS	R	17 Chestnut St.

Deputies

*1	Warden	WM. F. ROBERTSON	D	159 Park St.
2	Clerk	CHARLES B. DAVIS	R	95 High St.
*3	Inspector	JOHN WING, JR.	D	180 Middle St.
4	"	JOHN J. FLAHERTY	R	189 Chancery St.
*5	"	MARY G. BROWN	D	41 Pierce St.
*6	"	MABEL E. REED	R	44 Lindsay St.

WARD 4, PRECINCT F

Regular

*1	Warden	HERBERT E. MACY	D	507 Elm St.
*2	Clerk	JOS. H. SCHOFIELD	R	200 Tremont St.
*3	Inspector	PETER F. MULKERNE	D	93 Armour St.
*4	"	F. EBEN BROWN	R	81 Armour St.
*5	"	JOSEPHINE TATE	D	399 W. Elm St.
*6	"	ELEAN. E. LINDSAY	R	96 Tremont St.

Deputies

*1	Warden	DENNIS CROWLEY	D	12 Lindsay St.
*2	Clerk	SAMUEL N. DONAGHY	R	610 Union St.
*3	Inspector	W. E. C. CARPENTIER	D	403 Elm St.
*4	"	JAMES ARUNDALE	R	517 Kempton St.
*5	"	SADIE C. PIERCE	D	55 Summer St.
*6	"	AGNES M. TABER	R	27 Atlantic St.

WARD 4, PRECINCT G

Regular

*1	Warden	HENRY A. GRAY	D	288 Palmer St.
*2	Clerk	H. C. HAMMOND	R	36 Florence St.
3	Inspector	GEORGE A. BREEN	D	38 Emerson St.
*4	"	FREDERICK B. COOK	R	14 Junior St.
*5	"	MARY A. KENNEDY	D	126 Mill St.
*6	"	ETTA M. RICKETSON	R	218 Tremont St.

Deputies

*1	Warden	FRED S. WORDELL	D	45 Pierce St.
*2	Clerk	GEORGE F. CURRY	R	773 Rockdale Ave.
*3	Inspector	ADAM C. HENDERSON	D	484 Mill St.
4	"	FRANCESCA E. GAST	R	33 Cedar St.
*5	"	MAMIE E. ROBERTSON	D	159 Park St.
*6	"	JOHN KILBRIDE	R	153 Morgan St.

WARD 5, PRECINCT A**Regular**

*1	Warden	CHARLES L. TARPEY	R	344 Orchard St.
*2	Clerk	A. R. HOWLAND	D	251 Purchase St.
*3	Inspector	JOSEPH A. CRONIN	R	240 Maple St.
*4	"	AGNES G. MEANEY	D	45 Oak St.
*5	"	SUSAN L. TIMPERLEY	R	29 Brigham St.
*6	"	LAURA FRANCOTTE	D	27 Clover St.

Deputies

*1	Warden	MARGARET NOYER	R	297 Purchase St.
2	Clerk	JOHN M. FAGAN	D	18 Washington St.
*3	Inspector	MARY DOWNEY	R	89 Acushnet Ave.
*4	"	WELCOME FIDLER	D	245 Purchase St.
5	"	ALICE L. COMEY	R	307 Pleasant St.
*6	"	MARY E. DOWNEY	D	89 Acushnet Ave.

WARD 5, PRECINCT B**Regular**

*1	Warden	GEO. P. RICHARDSON	D	245 Acushnet Ave.
*2	Clerk	CLIFTON F. ASHLEY	R	157 Maxfield St.
*3	Inspector	ROBERT J. CURRY	D	111 Grinnell St.
*4	"	STELLA VERA	R	48 So. Sixth St.
*5	"	DENNIS CONNOR	D	313 Pleasant St.
*6	"	MARY E. EGAN	R	45 Oak St.

Deputies

1	Warden	VACANCY	D	
*2	Clerk	MICHAEL QUINN	R	103 Rockland St.
3	Inspector	VACANCY	D	
*4	"	ABBIE ROGERS	R	13 Harrison St.
5	"	M. GROCHINSKY	D	54 Russell St.
*6	"	ANTONIA C. GREGOIRE	R	236 County St.

WARD 5, PRECINCT C**Regular**

*1	Warden	WILLIAM BURKLE	R	43 Washington St.
*2	Clerk	MARY A. BRADY	D	64 Washington St.
*3	Inspector	JOSEPH C. PERRY	R	265 County St.
*4	"	KATE BRADLEY	D	32 Priscilla St.
*5	"	LUCY E. DIAS	R	366 County St.
*6	"	ELIZA C. HAGGERTY	D	25 Bonney St.

Deputies

*1	Warden	MILDRED P. CORNELL	R	390 Arnold St.
2	Clerk	VACANCY	D	
*3	Inspector	MARY J. MEIN	R	29 Bonney St.
*4	"	JOSEPH CARNEY	D	34 Oak St.
*5	"	AGNES BALDWIN	R	71 West St.
*6	"	EVELYN E. TUELL	D	341 Orchard St.

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WARD 5, PRECINCT D

Regular

*1	Warden	JOHN C. EMERY	R	99 Bedford St.
*2	Clerk	CLIFTON P. TUELL	D	341 So. Orchard St.
*3	Inspector	WILLIAM T. JENNEY	R	170 Grinnell St.
*4	"	MARIA DESJARDINS	D	101 South St.
*5	"	KATH. H. EDWARDS	R	89 So. Sixth St.
*6	"	MARY H. MacDONALD	D	71 Bonney St.

Deputies

*1	Warden	MARY E. ABRAMS	R	67 Russell St.
*2	Clerk	WM. C. DeMELLO, JR.	D	157 Grinnell St.
*3	Inspector	ELIZA. D. HABICHT	R	73 Russell St.
4	"	JOSEPH P. CRONIN	D	17 Harrison St.
*5	"	MINNIE P. WHITE	R	195 Grinnell St.
*6	"	ELLEN ALLEN	D	2 Warwick St.

WARD 5, PRECINCT E

Regular

*1	Warden	HENRY C. GRAY	D	75 Dartmouth St.
2	Clerk	WILLIAM J. DUNNE	R	109 So. Sixth St.
*3	Inspector	WILLIAM N. NELSON	D	46 Oak St.
*4	"	ETHEL A. WASHBURN	R	19 Sherman St.
*5	"	ISABEL M. KENNEDY	D	34 Oak St.
*6	"	MARY A. AREY	R	167 Washington St.

Deputies

1	Warden	JAMES F. FARRELL	D	183 Rockland St.
2	Clerk	SAMUEL MORRIS	R	60 Bay St.
3	Inspector	VACANCY	D	
*4	"	SAM SMITH	R	22 Borden St.
5	"	VACANCY	D	
6	"	A. F. ARSENAULT	R	10 Bay St.

WARD 5, PRECINCT F

Regular

*1	Warden	THOMAS F. GALLIGAN	R	63 Oak St.
*2	Clerk	HERBERT W. BLISS	D	72 Rotch St.
3	Inspector	GEORGE H. KENNEDY	R	11 Oak St.
*4	"	NORMAN BARSTOW	D	326 Clinton St.
*5	"	IDA MAY HOLMANS	R	66 Cottage St.
*6	"	ETHEL A. HUGGINS	D	15 Maplevue Ter.

Deputies

1	Warden	ZILLAH TAYLOR	R	182 County St.
*2	Clerk	CHARLES F. F. JONES	D	64 Borden St.
*3	Inspector	WILLIAM SHENNAN	R	262 Arnold St.
4	"	MARY L. GALLIGAN	D	100 Oak St.
*5	"	MILDRED L. TRIPP	R	58 Bedford St.
6	"	VACANCY	D	

WARD 5, PRECINCT G**Regular**

*1	Warden	FRANCIS J. McAVOY	D	338 Orchard St.
*2	Clerk	DENNIS H. SHAY	R	217 Maple St.
3	Inspector	EDW. W. GALLIGAN	D	285 Hawthorn St.
4	"	FRANCIS K. COLLINS	R	Palmer St.
*5	"	MARY M. MORIARTY	D	86 Atlantic St.
*6	"	ELIZABETH WATSON	R	20 Maplevue Ter.

Deputies

1	Warden	ANTHONY J. MONIZ	D	14 Devoll St.
*2	Clerk	CHARLES L. FAUNCE	R	139 Brownell St.
3	Inspector	VACANCY	D	
4	"	VACANCY	R	
5	"	VACANCY	D	
*6	"	MABEL C. McCARTY	R	281 Allen St.

WARD 6, PRECINCT A**Regular**

*1	Warden	DENNIS F. SHRUGUE	D	73 Delano St.
*2	Clerk	JOHN H. RYAN	R	94 County St.
*3	Inspector	JOHN McGLADDERY	D	65 Acushnet Ave.
*4	"	EDA B. KERSHAW	R	168 County St.
*5	"	MARY E. SHEA	D	805 So. Water St.
*6	"	HELENA S. BARTHOLO	R	128 Rivet St.

Deputies

*1	Warden	REMI LAVOIE	D	153 Blackmer St.
2	Clerk	VINCENT C. RYAN	R	94 County St.
3	Inspector	ROMEO LAVALLEE	D	948 So. Water St.
*4	"	FREIDA T. SIMPSON	R	182 County St.
*5	"	MARY E. O'DONNELL	D	438 So. Front St.
6	"	MARY V. BUCKLEY	R	59 Willard St.

WARD 6, PRECINCT B**Regular**

*1	Warden	LEONARD McDONALD	R	89 Ellen St.
*2	Clerk	THOS. BRETHERTON	D	130 Crapo St.
3	Inspector	JOHN A. HYDE	R	744 Brock Ave.
*4	"	ANN DOWD	D	800 So. First St.
*5	"	MARGT M. TRIPANIER	R	39 Independent St.
*6	"	MARY A. FRANCIS	D	100 Bonney St.

Deputies

1	Warden	ARTHUR F. GLEASON	R	519 Rivet St.
2	Clerk	ANTONE J. MEDEIROS	D	40 Independent St.
*3	Inspector	JAMES V. RONAN	R	29 Mosher St.
4	"	ELIZA CROMPTON	D	2 Weaver St.
*5	"	SARAH A. PIERCE	R	131 Blackmer St.
6	"	CATH. C. HAWORTH	D	448 Rivet St.

MUNICIPAL REGISTER

WARD 6, PRECINCT C

Regular

*1	Warden	J. B. L. WATERHOUSE	R	451 Rivet St.
2	Clerk	WILLIAM B. MONIZ	D	131 Crapo St.
*3	Inspector	ELIZA F. BEDFORD	R	190 W. French Ave.
*4	"	MARY CASSIDY	D	177 Grinnell St.
*5	"	MARGARET JEFFRIES	R	104 Hemlock St.
6	"	LILLIAN BOWEN	D	465 Bolton St.

Deputies

1	Warden	OLIVE FALL	R	465 Bolton St.
2	Clerk	HARRY FORMAN	D	75 Crapo St.
3	Inspector	ZILLAH TAYLOR	R	182 County St.
4	"	CHARLES ST. PIERRE	D	105 Hemlock St.
*5	"	ETHEL SEDDON	R	568 Brock Ave.
*6	"	TERESA F. HARNEY	D	158 Thompson St.

WARD 6, PRECINCT D

Regular

*1	Warden	E. P. BERTHIAUME	R	189 Blackmer St.
2	Clerk	MANUEL JOSEPH	D	206 Rockland St.
*3	Inspector	JOHN S. HARRISON	R	124 Hemlock St.
*4	"	ELPHEGE J. LAGASSE	D	177 Cove St.
*5	"	M. NIGHTINGALE	R	31 County St.
*6	"	ANTHONY GERARDI	D	314 Rivet St.

Deputies

*1	Warden	STAN. BENJAMIN	R	283 Rivet St.
2	Clerk	JOHN JOSEPH	D	48 Bourne St.
*3	Inspector	JAS. A. HEMINGWAY	R	42 Swift St.
*4	"	HARRIET H. HART	D	120 Hemlock St.
5	"	LOUISE CARTIER	R	16 Calumet St.
6	"	EMMA RATCLIFFE	D	109 Division St.

WARD 6, PRECINCT E

Regular

*1	Warden	HUGH J. KERR	D	1016 So. Water St.
*2	Clerk	ZEPHIR J. ROBERT	R	85 Jouvette St.
*3	Inspector	ARTHUR WOOLEY	D	71 Ruth St.
*4	"	SARAH E. HART	R	72 Jouvette St.
*5	"	MARGARET V. SMITH	D	67 Larch St.
*6	"	ARMAND FOURNIER	R	186 Cove St.

Deputies

*1	Warden	JOHN E. CARNEY	D	49 Salisbury St.
*2	Clerk	NELLIE G. DONAGHY	R	16 Briggs St.
3	Inspector	HENRY BERARD	D	28 Nelson St.
*4	"	MARY A. VINCENT	R	152 Division St.
*5	"	CATHERINE COLLINS	D	109 David St.
6	"	ROSE V. McDONALD	R	149 Bonney St.

WARD 6, PRECINCT F**Regular**

*1	Warden	OWEN J. DOWD	D	800 So. First St.
*2	Clerk	MARGARET BERRY	R	391 Orchard St.
*3	Inspector	WILLIAM B. CROSS	D	989 County St.
*4	"	LAURA DOYLE	R	70 Ruth St.
*5	"	ROBERT H. ADAMS	D	103 David St.
*6	"	ETHEL GRIMSLOW	R	190 W. French Ave.

Deputies

1	Warden	JOHN L. BRODEUR	D	67 Ruth St.
2	Clerk	HARRY BOWDEN	R	82 Ruth St.
3	Inspector	ARTHUR GOULART	D	490 Bolton St.
4	"	JOS. R. LYONNAISE	R	166 Butler St.
5	"	ELIZA A. ROBINSON	D	5 Rockdale Ave.
*6	"	FLORENCE ROSS	R	15 Roosevelt St.

WARD 6, PRECINCT G**Regular**

*1	Warden	NAPOLÉON GREGOIRE	R	20 Nelson St.
*2	Clerk	LUDGER LAVOIE	D	57 Capitol St.
*3	Inspector	JOHN D. TOWNLEY	R	28 Mosher St.
*4	"	MARY J. ARNETT	D	28 Cove St.
*5	"	NELLIE BRIERLY	R	175 County St.
*6	"	AMY ADAMS	D	694 Brock Ave.

Deputies

*1	Warden	THOMAS CROOK	R	63 Fruit St.
*2	Clerk	PAUL FORAND	D	62 County St.
3	Inspector	W. FRENETTE	R	39 Roosevelt St.
4	"	IDELLA HACKETT	D	40 Woodlawn St.
*5	"	ELSIE GASSE	R	133 Ruth St.
*6	"	ELIZA W. CONWAY	D	31 Viall St.

WARD 6, PRECINCT H**Regular**

*1	Warden	JAMES KINCAID	D	119 Ruth St.
*2	Clerk	G. PENDELBURY	R	113 Division St.
*3	Inspector	LEO WILLIAMS	D	17 Social St.
4	"	JENNIE WATSON	R	26 Viall St.
*5	"	HELEN T. POLLOCK	D	607 Brock Ave.
*6	"	ETHEL SMETHURST	R	59 Calumet St.

Deputies

*1	Warden	MARY E. DUPORT	D	180 Dartmouth St.
2	Clerk	FRANK WILLIAMS	R	17 Social St.
*3	Inspector	MARGARET E. FOLEY	D	86 Mott St.
*4	"	AGNES HYNES	R	93 Valentine St.
5	"	MARY WILLIAMS	D	694 Brock Ave.
*6	"	JANE CHAPMAN	R	31 Viall St.

WARD 6, PRECINCT I**Regular**

*1	Warden	MARY E. RAWCLIFFE	R	30 Valentine St.
*2	Clerk	JOHN B. ROBERTS	D	863 Brock Ave.
*3	Inspector	JAMES H. SIMPSON	R	922 So. Water St.
*4	"	MARY E. BOND	D	800 So. First St.
*5	"	WILLIAM A. LAMBERT	R	929 Brock Ave.
*5	"	CHRISTINE KINNERY	D	103 David St.

Deputies

*1	Warden	THOMAS J. McCARTHY	R	13 Scott St.
2	Clerk	WILLIAM A. ADAMS	D	176 Clara St.
*3	Inspector	VACANCY	R	
*4	"	MILD. M. DONNELLY	D	7 Ashley St.
*5	"	JOHN D. SYLVIA	R	167 County St.
*6	"	LENA FREITAS	D	200 Bellevue St.

WARD LINES

CITY OF NEW BEDFORD,

IN BOARD OF ALDERMEN.

December 23, 1914.

ORDERED, That in conformity with the Revised Laws of Massachusetts, and under authority of Chapter 676 of the Acts of the Legislature in the year 1914, the several wards of the city be and they hereby are divided and established according to the following described lines, said division and designation to take effect as prescribed by Section 4 of said Chapter 676 of 1914:

Ward One—All that portion of the city lying north and east of a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven, and drawn through the middle of Sawyer Street to the westerly line of the location of the Old Colony Railroad; thence northerly and westerly in that line and in the southerly line of the Watuppa Branch of the Old Colony Railroad to the line between the City of New Bedford and the Town of Dartmouth.

Ward Two—All that portion of the city lying between a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and drawn through the middle of the following streets, namely:

Wamsutta, Purchase, Austin, County, Hazard, Summer, Robeson and the last named line extended to the line between the City of New Bedford and the Town of Dartmouth, and the line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and drawn through the middle of Sawyer Street to the westerly line of the location of the Old Colony Railroad; thence northerly and westerly in that line and in the southerly line of the Watuppa Branch of the Old Colony Railroad to the line between the City of New Bedford and the Town of Dartmouth.

Ward Three—All that portion of the city lying between a line beginning at a point in the Acushnet River at the line between the City of New Bedford and the Town of Fairhaven, and passing north of Popes and Fish Islands, and thence through the middle line of the following streets, namely: North, Newton, Mill and Kempton to the line between the City of New Bedford and the Town of Dartmouth, and the line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and drawn through the middle of the following streets, namely Wamsutta, Purchase, Austin, County, Hazard, Summer, Robeson, and the last named line extended to the line between the City of New Bedford and the Town of Dartmouth.

Ward Four—All that portion of the city lying between a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven, and passing south of Popes and Fish Islands, and thence through the middle of the following streets, namely: Walnut, County and Arnold, to the line between the City of New Bedford and the Town of Dartmouth, and the line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven passing north of Popes and Fish Islands, and thence through the middle line of the following streets, namely North, Newton, Mill and Kempton to the line between the City of New Bedford and the Town of Dartmouth.

Ward Five—All that portion of the city lying between a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and passing north of Palmers Island; thence through the middle of the following streets, namely: Potomska, Purchase, Thompson, Bonney and Rockland; thence westerly across the Rural Cemetery and through the middle of Winterville Road to the line between the City of New Bedford and the Town of Dartmouth, and the line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven, and passing south of Popes and Fish Islands, and thence through the middle of the following streets, namely: Walnut, County and Arnold, to the line between the City of New Bedford and the Town of Dartmouth.

Ward Six—All that portion of the city lying south of a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven

and passing north of Palmers Island; thence through the middle of the following streets, namely: Potomska, Purchase, Thompson, Bonney and Rockland; thence westerly across the Rural Cemetery and through the middle of Winterville Road to the line between the City of New Bedford and the Town of Dartmouth.

In Board of Aldermen, Dec. 23, 1914. Adopted and sent down for concurrence.

In Common Council, Dec. 23, 1914. Concurred.

Presented to and approved by the Mayor, Dec. 24, 1914.

A true copy, attest:

W. H. B. REMINGTON, City Clerk.

EXTRACT FROM LAW.

Section 4 of Chapter 676 of the Acts of 1914, entitled "An Act relative to the re-division of cities into wards and voting precincts," is as follows:

Chapter 676, Acts 1914.

"Section 4. Said Chapter eight hundred and thirty-five is hereby further amended by striking out section two hundred and nineteen and inserting in place thereof the following new section: Section 219. For all elections held prior to the annual state primary in the second year following a re-division of a city into wards, and for the assessment of taxes prior to such time, the wards as existing prior to such re-division shall continue, and for such purposes the election officers shall be appointed and hold office, and voting lists shall be prepared, and all other things required by law shall be done as if no such re-division had been made. For all other purposes, the new division shall take effect on the thirty-first day of December of the year when it is made."

W. H. B. REMINGTON, City Clerk.

NEW PRECINCT LINES**1921.**

CITY OF NEW BEDFORD,

City Clerk's Office, Feb. 9, 1921.

The following order, making a division of the wards of the City of New Bedford, as established by the City Council, Dec. 24, 1914, into precincts is hereby published for the information of the inhabitants:—

W. H. B. REMINGTON,
City Clerk.

ORDER FOR DIVISION OF WARDS.

CITY OF NEW BEDFORD.

In Board of Aldermen, Feb. 9, 1921.

Ordered, That the wards of the City of New Bedford as established by the City Council of 1914, be and they hereby are divided into voting precincts, as follows:

WARD ONE.

Precinct 1A—All that part of ward 1 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Sawyer street, Purchase street, and Nye street to the Acushnet river.

Precinct 1B—All that part of ward 1 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Nye street, Purchase street, Deane street, Quansett street, Coffin avenue, Belleville avenue and Phillips avenue to the Acushnet river.

Precinct 1C—All that part of ward 1 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Phillips avenue, Belleville avenue, Coffin avenue, Quansett street, Deane street, the Old Colony Railroad location, Collette street, Acushnet avenue and Davis street to the Acushnet river.

Precinct 1D—All that part of ward 1 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Davis street, Acushnet avenue, Collette street, the Old Colony Railroad location, Hathaway street, Acushnet avenue and Tinkham street to the Acushnet river.

Precinct 1E—All that part of ward 1 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Tinkham street, Acushnet avenue, Hathaway street, the Old Colony Railroad location, Nash road, Bowditch street, Whitman street to the Acushnet river.

Precinct 1F—All that part of ward 1 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Whitman street, Bowditch street, Nash road, the Old Colony Railroad location, Belleville road, Acushnet avenue and Hatch street to the Acushnet river.

Precinct 1G—All that part of ward 1 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Hatch street, Acushnet avenue, Belleville road, the Old Colony Railroad location, the Watuppa Branch of the Old Colony Railroad to the line between the City of New Bedford and the town of Dartmouth, thence along said line to Plainville road and through the centre lines of Plainville road, Tarkiln Hill road, Old Colony Railroad location, Irvington street, and Hadley street to the Acushnet river.

Precinct 1H—All that part of ward 1 lying north of the following described lines, viz.: Beginning at the Acushnet river and extending through the centre lines of Hadley street, Irvington street, the Old Colony Railroad location, Tarkiln Hill road and Plainville road.

WARD TWO.

Precinct 2A—All that part of ward 2 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Wamsutta street, Front street, Cedar Grove street, Bowditch street and Sawyer street to the Acushnet river.

Precinct 2B—All that part of ward 2 bounded by the following lines in sequence, viz.: The centre lines of Sawyer street, Bowditch street, Cedar Grove street and Front street.

Precinct 2C—All that part of ward 2 bounded by the following lines in sequence, viz.: The centre lines of Austin street, County street, Linden street, County street and Purchase street.

Precinct 2D—All that part of ward 2 bounded by the following lines in sequence, viz.: The centre lines of Hazard

street, Summer street, Linden street, Reynolds street, the Old Colony Railroad location, County street, Linden street and County street.

Precinct 2E—All that part of ward 2 bounded by the following lines in sequence, viz.: The centre lines of Linden street, Summer street, Coggeshall street, Myrtle street, the Old Colony railroad location and Reynolds street.

Precinct 2F—All that part of ward 2 bounded by the following lines in sequence, viz.: The centre lines of Robeson street, Cedar street, Durfee street, Highland street, Hathaway road, the Old Colony railroad location, Myrtle street, Coggeshall street and Summer street.

Precinct 2G—All that part of ward 2 bounded by the following lines in sequence, viz.: The centre lines of Robeson street, and extension of Robeson street, to the line between the City of New Bedford and the town of Dartmouth, the said town line, the centre lines of Watuppa branch of Old Colony railroad, Hathaway road, Highland street, Durfee street and Cedar street.

WARD THREE.

Precinct 3A—All that part of ward 3 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of North street, Pleasant street, Pearl street, Purchase street and Wamsutta street, to the Acushnet river.

Precinct 3B—All that part of ward 3 bounded by the following lines in sequence, viz.: The centre lines of North street, Hill street, Hillman street, State street, Willis street, State street, Pearl street, County street, Austin street, Purchase street, Pearl street and Pleasant street.

Precinct 3C—All that part of ward 3 bounded by the following lines in sequence, viz.: The centre lines of North street, Summer street, Parker street, County street, Pearl street, State street, Willis street, State street, Hillman street and Hill street.

Precinct 3D—All that part of ward 3 bounded by the following lines in sequence, viz.: The centre lines of Parker street, Richmond street, Robeson street, Summer street, Hazard street and County street.

Precinct 3E—All that part of ward 3 bounded by the following lines in sequence, viz.: The centre lines of North street, Ash street, Sycamore street, Cedar street, Parker street and Summer street.

Precinct 3F—All that part of ward 3 bounded by the following lines in sequence, viz.: The centre lines of North street, Park street, Parker street, the easterly line of Oak Grove cemetery, the centre lines of Robeson street, Richmond street, Parker street, Cedar street, Sycamore street and Ash street.

Precinct 3G—All that part of ward 3 bounded by the following lines in sequence, viz.: The centre lines of North street, Newton street, Mill street and Kempton street to the line between the City of New Bedford and the town of Dartmouth the said town line to point in continuation of Robeson street, and thence in centre line of Robeson street to easterly line of Oak Grove cemetery, the centre lines of Parker street and Park street.

WARD FOUR.

Precinct 4A—All that part of ward 4 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Walnut street, Purchase street and North street to the Acushnet river.

Precinct 4B—All that part of ward 4 bounded by the following lines in sequence, viz.: The centre lines of Walnut street, County street, North street and Purchase street.

Precinct 4C—All that part of ward 4 bounded by the following lines in sequence, viz.: The centre lines of Arnold street, Lincoln street, Union street, Cottage street, Court street, Cedar street, North street and County street.

Precinct 4D—All that part of ward 4 bounded by the following lines in sequence, viz.: The centre lines of Arnold street, Chancery street, Kempton street, Park street, North street, Cedar street, Court street, Cottage street, Union street and Lincoln street.

Precinct 4E—All that part of ward 4 bounded by the following lines in sequence, viz.: The centre lines of Arnold street, Ocean street, Union street, Newton street, Court street, Liberty street, Mill street, Newton street, North street, Park street, Kempton street and Chancery street.

Precinct 4F—All that part of ward 4 bounded by the following lines in sequence, viz.: The centre lines of Arnold street, Brownell street, Court street, Florence street, Kempton street, Hunter street, Mill street, Liberty street, Court street, Newton street, Union street and Ocean street.

Precinct 4G—All that part of ward 4 bounded by the following lines in sequence, viz.: The centre line of Arnold street

to the line between the City of New Bedford and the town of Dartmouth, thence by said line, the centre lines of Kempton street, Mill street, Hunter street, Kempton street, Florence street, Court street and Brownell street.

WARD FIVE.

Precinct 5A—All that part of ward 5 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Potomska street, Purchase street, Thompson street, County street, Grinnell street, Acushnet avenue and Howland street to the Acushnet river.

Precinct 5B—All that part of ward 5 bounded by the following lines in sequence, viz.: The centre lines of Howland street, Acushnet avenue, Grinnell street, Sixth street and Walnut street to the Acushnet river.

Precinct 5C—All that part of ward 5 bounded by the following lines in sequence, viz.: The centre lines of Thompson street, Bonney street, Rockland street, Orchard street, Washington street, Crapo street, South street and County street.

Precinct 5D—All that part of ward 5 bounded by the following lines in sequence, viz.: The centre lines of South street, Crapo street, Washington street, Orchard street, Arnold street, County street, Walnut street, Sixth street and County street.

Precinct 5E—All that part of ward 5 bounded by the following lines in sequence, viz.: The centre lines of Rockland street, Rockland street continued, Lewis street, Grape street, Oak street, Clay street, Columbia street, Allen street and Orchard street.

Precinct 5F—All that part of ward 5 bounded by the following lines in sequence, viz.: The centre lines of Allen street, Columbia street, Clay street, Oak street, Grape street, Page street, Hawthorn street, Tremont street, Arnold street and Orchard street.

Precinct 5G—All that part of ward 5 bounded by the following lines in sequence, viz.: Beginning at the intersection of the centre line of Lewis street with the centre line of Winterville road, thence by centre line of Winterville road to the line between the City of New Bedford and the town of Dartmouth, thence by said town line to its intersection with the extension of the centre line of Arnold street, thence by centre lines of Arnold street, Tremont street, Hawthorn street, Page street, Grape street and Lewis street.

WARD SIX.

Precinct 6A—All that part of ward 6 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Gifford street, Water street, Division street, Acushnet avenue, Rivet street, Purchase street and Potomska street to the Acushnet river.

Precinct 6B—All that part of ward 6 bounded by the following lines in sequence, viz.: The centre lines of Division street, County street, Mosher street, Crapo street, Thompson street, Purchase street, Rivet street and Acushnet avenue.

Precinct 6C—All that part of ward 6 bounded by the following lines in sequence, viz.: The centre lines of Katherine street, Orchard street, Rivet street, Dartmouth street, Edward street, Field street, Babbitt street, thence by the easterly and southerly lines of Rural cemetery, the centre lines of Rockland street, Bonney street, Thompson street and Crapo street.

Precinct 6D—All that part of ward 6 bounded by the following lines in sequence, viz.: Beginning at the intersection of the line between the City of New Bedford and the town of Dartmouth with the shore at Clarks Cove, thence by said town line to the centre line of Winterville road, thence in centre lines of Winterville road, Rockdale avenue, Matthew street to the easterly line of Rural cemetery, the centre lines of Babbitt street, Field street, Edward street, Dartmouth street, Rivet street, Orchard street, Katherine street and Crapo street to Clark's Cove.

Precinct 6E—All that part of ward 6 bounded by the following lines in sequence, viz.: Beginning at Clarks Cove and extending through the centre lines of Crapo street, Mosher street, County street, Division street, Second street, Stapleton street, Brock avenue, Shore street and Grit street to Clarks Cove.

Precinct 6F—All that part of ward 6 bounded by the following lines in sequence, viz.: Beginning at a point in the Acushnet river and extending through the centre lines of Cove street, Viall street, Ruth street, Brock avenue and Warren street to Clarks Cove; beginning again at Clarks Cove and extending through the centre lines of Grit street, Shore street, Brock avenue, Stapleton street, Second street, Division street, Water street and Gifford street to the Acushnet river.

Precinct 6G—All that part of ward 6 bounded by the following lines in sequence, viz.: Beginning at the Acushnet

river and extending through the centre lines of David street, Brock avenue and George street to Clarks Cove; beginning again at Clarks Cove and extending through the centre lines of Warren street, Brock avenue, Ruth street, Viall street and Cove road to the Acushnet river.

Precinct 6H—All that part of ward six beginning in the Acushnet river, in line with David street; thence through the center line of David street to the center line of Brock avenue; thence through the center line of Brock avenue and the same line continued to Buzzards bay and the Acushnet river to the point of beginning. (March 22, 1922).

Precinct 6I—All that part of ward six beginning in Clarks cove, in line with George street; thence by the center line of George street to the center line of Brock avenue; thence by the center line of Brock avenue and the same line continued to Buzzards bay; thence in Buzzards bay and Clarks cove to the point of beginning. (March 22, 1922).

Second
Inaugural Address of
Hon. Walter H. B. Remington
Mayor City of New Bedford

Massachusetts



At the Inauguration of the
City Government, January Second
NineteenHundred and Twenty-three

THE A. E. COFFIN PRESS — PRINTERS
NEW BEDFORD, MASS.
1923

SECOND
INAUGURAL ADDRESS
OF
HON. WALTER H. B. REMINGTON



Gentlemen of the City Council:

The inauguration of this city government, which marks the beginning of biennial terms for the mayor and members of the city council, offers an opportunity which has not before existed,—the chance to establish a line of governmental policy which may not be disturbed for a period of two years. Whether or not this plan will prove advantageous to the city rests entirely with you as members of the city government.

The theory under which biennial municipal elections were adopted by the voters of New Bedford was that the annual political turmoil which has been so up-setting in the past might be eliminated. Certain it is that everybody was relieved when the disgraceful spectacle which

marked the last municipal election was ended. Vilification, vituperation, mud-slinging, malicious falsification, willful misrepresentation,—these are things which should have no place in a canvass for votes for municipal office; and yet they did, unfortunately, play a prominent part in the recent campaign.

It may be that with an interval of two years between now and the next municipal election some of the bitter personal animosities which have been permitted to become prominent in our city election campaigns may be forgotten. Be that as it may, you have two years in which to make good, and it is to be sincerely hoped that the City of New Bedford will profit by your opportunity.

THE SCHOOLS.

One of the most important problems before you, as representatives of the citizens, is what New Bedford must do for the education of its children.

We have gone through a period of unrest in our educational department during the past 12 months. The school survey made by Dr. Frank E. Spaulding, completed early in the past year, has been accepted by the school authorities as a guide, and the recommendations which the survey contained have been partially put into effect. The wisdom of generally carrying out the plan proposed by such an eminent educator has not been materially questioned and it is presumed that the newly elected school committee will, in the main, follow the course laid out. That is a matter for their determination.

It is quite certain that the erection of buildings under our direction is a matter which will engage thoughtful attention and is reasonably pressing for some action in the present year.

We possess all legislative authority sufficient to meet the costs of several important structures and when requirements are definitely ascertained, the city government is in a position to initiate such undertakings as are vitally necessary.

It is my urgent advice that care be taken that the plans finally approved and accepted shall be as economical as is consistent with suitable structures, and shall contain no items of wasteful expenditure; that the specifications shall provide for free and open competitive bidding in all respects, and that the contracts may be awarded to the responsible bidders whose proposals are most advantageous to the City of New Bedford.

The interest of the people and their insistent attitude in this regard have been made so manifest that attention to detail and watchful supervision in the most exacting degree is expected and demanded. Our most scrupulous and faithful efforts are required in this direction.

In connection with the school problem, I venture the hope that the school committee will be mindful of a situation which the experience of the past year has revealed,—that is, the desirability of a survey for the purpose of determining where school buildings should be erected, in the future, that they may fit, and not misfit, the school system.

The location of schoolhouses to fit a school system is a scientific problem and not a matter of hit or miss. With a growing city, like New Bedford, it should not be a question of chance where the next new schoolhouse is to be built. The fact that Smith or Jones is the owner of a tract of land large enough to hold a school building should not be the reason why the next schoolhouse is located on that particular spot. There are educational experts who make it a business to consider situations and to determine schoolhouse building programmes. School buildings should be located after careful analysis of population growth and population needs. Prospective locations should be selected and buildings planned with reference to the future. The ideal situation is one in which the school authorities keep their housing projects so far in advance of actual needs that short-time sessions and temporary housing do not become necessary except in times of urgent stress.

It is my opinion that much money can be saved to New Bedford if a comprehensive schoolhousing plan, covering a future of, say, ten years, can be determined after a thorough survey by a competent expert, and I suggest this course to the school committee for immediate consideration.

A CITY PLAN.

I desire to renew my recommendation of a year ago in favor of a planning board. An ordinance providing essential rules for the regulation of such a board, in accordance with law, will be submitted for your action,

and an appropriation item sufficient for the beginning of the work of such a board will be included in the budget, providing the ordinance passes.

One or two events of the past year have clearly demonstrated the need of a definite city plan. The suggested extension of Spring Street eastward from its present terminus is one instance. Spasmodic street treatment, founded on happen-so circumstances, is not the course which should be followed in a city which has reached New Bedford's size and importance. A plan based on the city's needs and the possibilities of future development, scientifically determined, should be in existence and should be followed unless there is ample reason for doing otherwise.

I feel certain that New Bedford's harbor, with its possibilities, will one day make New Bedford an important commercial port, and that commodities for the supply of a large part of New England will be transhipped through our water portals. A planning board which will give consideration to such a possibility, and will include preparation for it in the general scheme of the city's development, is what New Bedford needs.

The city's history has witnessed one complete change in New Bedford's industrial activity. When the city was established, in 1847, nobody would have believed the prophet who declared that the whaling industry would decline to almost nothing in 75 years, and be supplanted by a principal industry of entirely different character. There are those, today, who predict that

the cotton manufacturing which is now our main stay, will be removed to the south, and that we must seek new fields of enterprise if we would keep our standing in the business world.

We sincerely hope that predictions that the cotton manufacturing supremacy must depart from New England will not come true, but it will not do for us to bank our hopes alone. It is up to us to make good the reputation for shiftiness on land and sea which has been given to us, and to prepare for what may come. If we can develop our commercial possibilities through the improvement of our port and its use as a point of transshipment, no chance should be lost. Our development should be planned with that end in view, and it is time that the scheme should take tangible form and have its place on paper, in black and white, so that everybody may see it, rather than that it should remain a hazy dream in the minds of those who have the prosperous growth of New Bedford at heart.

A planning board will produce the ideal plan. After that, it is for New Bedford to live to it and grow to it as best it may. Whatever may be the outcome, the plan will furnish the line to hew to,—and those who have gone down to the sea in New Bedford's ships know full well that without the chalk-line the adz must have made a sorry mess in shaping the ship's timbers.

There are immediate possibilities which a planning board of suitable calibre can bring about. A zoning system which will warrant proper treatment in the matter

of garage locations is one of the things which such a board should study and present to the city council for action. The householder of modest means, who invests his all in a home, should be protected from the detrimental encroachment upon his peace and quiet by the builder of an adjacent commercial garage. This can be done by an intelligent zoning ordinance, and property values increased thereby. Why should not a competent planning board, appointed in accordance with the law of the Commonwealth, be given an opportunity to study the situation and produce such an ordinance for your action?

PARKING.

A late act of the outgoing city government was the passage of a traffic ordinance which I have signed with great misgiving as to its efficiency.

It contains a very objectionable feature, the placing of a time limit on parking, which in my opinion operates in the end to annoyance and is without effect in relieving congestion or promoting convenience. This is the weight of expert judgment and observation which might well have been considered and heeded by the city government. There should be no limit in time and parking should be controlled by alternation, one side of the street mornings and the other in the afternoon.

If our city center streets were through thoroughfares in which the space was needed for a continuous flow of traffic, then there should be no parking at all and

the roadway should be kept clear so that the stream of vehicles could flow along.

This is not the situation here, the streets are not particularly crowded, the center is a business frequenting resort, with small general traffic and practically no through commerce. Parking on alternate sides would relieve such conditions as exist, although I am not persuaded that we have anything here that could be called a real problem.

I hope the City Council will eventually adopt a better plan than the time limit scheme. Inasmuch as it is hardly possible to believe that a city government would be so radical as to aim a blow at business by absolutely prohibiting parking,—attention may well be given to the matter of adopting the plan of permitting parking on one side of the street only for a portion of the day and on the opposite side for a fixed time,—that is to say, morning on one side,—afternoon on the other.

For our city, parking under a time limit is not to be favored. I am quite certain this will become very apparent while the present scheme is being tried out.

MUNICIPAL CONTRACTS.

It may be a matter of mere detail,—and incidentally it may be noted that details are what count, in the long run,—but this is not an unwarrantable time nor place to call to the attention of the board of aldermen, committees, boards and heads of departments generally, the

importance of securing for the city what department specifications call for. I have in mind plans which I propose to put into effect, with the backing of the board of aldermen, for a more complete checking up of materials furnished to the street department to ensure that the city is receiving full value for every cent expended.

Specifications for all work and materials to be paid for from the city treasury should be carefully drawn, before bids are invited, and when contracts are made the contractors should be held to strict performance in accordance with specifications. There is no excuse for any other line of conduct, so far as the execution of city contracts is concerned, and it should be understood, both by contractors and city executives, that contracts are made to be lived up to.

Let that be the future rule. As I have before stated, in reference to the building contracts the public mind is aroused to an extent both creditable and impressive. We are charged with seeing to it that contracts and all their incidents are sound and honorable.

WATER SUPPLY.

The establishment of a state conducted water reserve supply district, affecting this city, was a matter which was considered by the General Court of 1922 and referred to the legislative of this new year.

It is proposed that protecting areas of the watershed of Long and Assawampsett Ponds, tributaries and other streams be acquired,—that the purity of the water

be effected and the supply used as a reserve from which New Bedford and other cities and towns can, at a future date, augment their supplies; contribution to the resulting expense to be upon the basis of population and consumption.

The project is one which, in its general features, if no entangling considerations are introduced in the bill, makes for the interest of the city and commends itself as a favorable proposition. But our efforts were directed last year and should be energetically continued now and hereafter to oppose a scheme which was urged and promoted by influences from Fall River to encroach upon our Quittacus system. It was sought to set up a pumping station in the smaller of these ponds and to draw upon the supply which is at this time just about equal to our needs. The Fall River plan would cause a reversal of the natural flow of the water and very seriously affect and interfere with the excellent conditions which at present maintain in the ponds and through the whole system.

Just what attitude the City of Fall River is now prepared to assume may be uncertain and doubtful but it is certainly most imperative that we be vigilant and watchful.

I engage to acquaint you with all the information obtainable and to recommend and indicate appropriate action as this matter comes forward.

DEPARTMENT SUGGESTIONS.

The department heads have, at my request, furnished me with suggestions, many of which may require from time to time special communications with reference to their consideration or adoption. These will be forthcoming as occasion may require. The departments of fire, police, water, parks and wires have problems and necessities which press for attention. The protective signal system needs to be extended and perfecting changes introduced. Quarters are in many instances inadequate and extensions may have to be provided.

It is likely that more buildings and stations will have to be erected and equipped upon suitable sites. In this connection, all that I have said about planning, zoning and contracts is equally pertinent and relevant.

SPENDING CITY MONEY.

There are plenty of ways in which a city government may spend money, and spend it for the benefit of the people, too. Some of those who advocate projects for public improvement seem to forget, for the time being, that there is anything besides their pet project, and that the money to pay for all improvements must come out of the people. There are certain things which must be done. The city is bound to maintain public service in the way of health, police and fire protection, the construction and upkeep of streets and ways, and water supply. We must educate our children and the children who come to us from other places, and in this item reasonable liber-

ality is true economy. We must provide, as wisely as possible, for the comfort of the citizens in the generally accepted ways. You will find, when you come to study the conditions, that the money requirements for these essential things are very considerable. And if you give the whole subject of municipal expenditure the consideration which it deserves, you will realize that some of the projects which will be advanced, although they look good on the face, cannot be afforded.

The tax burden has become oppressive to the people. National, state and county taxes have mounted as a result of the war and the conditions which have followed it. We cannot afford to crowd the already heavily burdened tax-payer too far. You must bear this in mind when you vote yes or no on orders involving expenditure. If it can be done, the tax rate,—and, better still, the tax bill,—should be reduced this year. Try to govern your action with that end in view.

DON'T PASS THE BUCK.

In conclusion, I offer you, as members of the city council, one particular bit of advice, and it is contained in the homely phrase, gambling term though it may be, "Don't pass the buck."

The tendency to pass the buck is altogether too prominent in municipal affairs, as it is in the ordinary walks of life. There seems to be a desire on the part of many charged with responsibility to shift the burden

onto the shoulders of the other fellow. If the responsibility is yours, take it! Don't push it over onto somebody else! In the course of your city government experience, you will find, perhaps, that when vexed questions confront you the easiest way out is along the line of the least resistance. If that course involves dodging the responsibility which belongs to you, I advise you to turn the other way.

You are elected by the people to perform your duties as they are set forth in the law and the ordinances. The people who voted for you expect you to stand up and be counted at the proper time. Don't shirk! Stiffen your backbone to do what you ought to do. Give the city full measure of service. You need not expect any great reward. The man who serves his city, his state or his nation must not look for any material recompense beyond the satisfaction of having done his duty to the best of his ability, and in accordance with the dictates of his conscience.

If you will so guide your course that at the end of your term you can look back upon your action as having been prompted by your conception of what was the right thing to do, the City of New Bedford will have profited by your membership in the city council.

ANNUAL REPORT

OF THE

Committee on Bath Houses

OF THE

CITY OF NEW BEDFORD

MASSACHUSETTS

For the Season Ending September 30, 1922



NEW BEDFORD, MASS.

A. E. COFFIN PRESS -PRINTERS

1923

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

February 8, 1923.

Received, ordered printed in City Documents and sent
down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

February 8, 1923.

Concurred.

HAROLD WINSLOW,

Clerk.

The Committee on Bath Houses of 1922 hereby renders its report.

The bath houses were opened to the general public on the 11th day of June and remained open until the 17th day of September. During this time 41,753 bathers were accommodated, while it is estimated that at least 150,000 people were in attendance at the bath houses for the purpose of recreation. In all, the City was benefited to the amount of \$2837.95 from receipts for the rental of bath houses, bathing suits and towels. The number of bathers this year did not total as high as in several years past due to the fact that during the ninety-three days the bath houses were open, thirty-seven of them were rainy. It was unfortunate that many of these rainy days fell on Saturdays and Sundays when the greatest number of bathers usually patronize the bath houses.

The Committee on Bath Houses takes much credit to itself for having accomplished a recommendation made by a number of the Committees of past years, namely, the construction of a permanent sun-shelter over the boardwalk from the administration building south. This improvement has proven of the greatest benefit to many hundreds of spectators, principal among them being women who brought their children to the beach where they could play in the sand and enjoy the bathing, while the mothers enjoyed the cooling breezes from the shaded section of the board-walk.

The Committee also believes that it has accomplished much in ripping out the old lockers in the room assigned to boys and replacing these lockers with the modern box system of checking, thereby, making this room, formerly a dark, dreary hole, well lighted, sanitary and attractive to the many hundreds of youngsters who patronize the beach. The Committee also placed shower-baths for the boys and sanitariums in this room.

These improvements, together with other minor ones, such as the construction of a rest room for women in the ad-

ministration building cost the City \$3000.00, but the Committee feels that the money was well expended in view of the convenience and comfort to the large number of people patronizing the Municipal Bath Houses.

It seems fitting to state here that the Committee of 1922 carried out every improvement recommended by the Committee of 1921 with the exception of putting through an ordinance to the effect that all money accruing from the rental of bath houses, bathing suits and towels and the refreshment privilege be diverted from the account, Unappropriated Funds, to the account, Bath House Committee. The Committee attempted such an ordinance but it failed to be passed to be ordained by the City Council.

At an expenditure of \$2000.00, the Committee this year purchased 1000 additional bathing suits for the men and boys, there being 800 of the former and 200 of the latter. The Committee prides itself on the fact that the suits purchased were of the finest quality and the most modern pattern. These suits have proven very popular among all bathers this year. The Superintendent and his assistants deserve credit for their supervision of these suits, to which is due the fact that few or any of these suits have been stolen. The Committee is leaving an adequate supply of suits and towels, in its opinion, for the year 1923.

At the close of the bathing season the Committee gave deep consideration to the project of the employment of a caretaker during the winter months. It was decided that money could be saved by retaining a permanent caretaker and Mr. Henry J. Arkison, who has rendered capable and efficient service as superintendent during the bathing season, was retained as permanent caretaker, his salary being set at \$30.00 during the months in which the bathing houses were closed.

During the season the following employees were in attendance at the bath houses at the weekly salaries set against their names :

Henry Arkison, Supt.....	\$35.00
Arthur Wooley, Attendant	33.25
Michael J. Malone, Attendant	28.00
John Coyne, Attendant.....	28.00
Patrick J. Gibson, Attendant	28.00
Hamilton Norwood, Attendant	28.00
John Adams, Watchman.....	28.00
Leo T. Meekin, Attendant.....	28.00
Mose Dalton, Reserve Officer	28.00
Rock C. Matthieu, Life Guard.....	31.50
Joseph Olivier, Life Guard.....	31.50
Peter Welch, Life Guard.....	31.50
Stanislaus Cocker, Cashier,	28.00
Mrs. Katharine Taber, Cashier,	21.00
Mrs. Annie Knowles, Attendant,	21.00
Mrs. Agnes Hynes, Attendant,	21.00
Mrs. Mary LeClair, Attendant,	21.00
Mrs. Jane Chapman, Attendant,	21.00
Mrs. Mary Kelly, Attendant,	21.00
Total.....	<u>\$512.75</u>

The Committee desires to state that the service rendered by the above attendants was satisfactory to both the patrons of the bath houses and to the members of the Committee.

During the year the Committee spent \$15,415.25, the largest item of which was for salaries, which aggregated \$8,405.75. \$3000.00 was spent for permanent improvements including the sun-shelter, repairs to the boys' locker room, etc. \$2000.00 was spent for the purchase of bathing suits and towels; \$453.75 was the cost of the laundry. The remaining \$1554.75 being for incidental expenses covering the entire

year and including the expense of preparing the bath houses for the opening of the season and closing them for the winter months.

An additional receipt was turned into the City for the sale of the refreshment privilege at the bath houses for the season of 1922, this amounted to \$400.00, the privilege being awarded on the highest bid to Wilfred and Jeannette Radcliffe, who have given excellent service to the patrons of the bath houses, during the season they occupied the refreshment booth on the wharf.

The superintendent's report for the season with recommendations follows:

Total number of bathers for season	41,753
Total Receipts for season	\$2,837.95
Number of persons rescued by Life Guards.....	15
Fatal Accidents	1
Number of Persons treated in First-aid Room.....	49
Cuts washed and dressed	32
Treated for cramps	4
Fainted and revived	8
Splinters removed	5
Number of suits on hand at close of season,	1138
Men and boys'	960
Women's	178
Towels on hand	630

Necessary repairs:

Painting walls in boys' and girls' locker rooms.
 Repair, paint and number boxes in main building.
 Repair and paint settees.
 Repair lockers in girls' room.
 Repair and paint life-guard boats.
 Bathing houses should be oiled inside and out.
 Clean rafts and paint or tar same.
 Board-walk in very bad condition.
 Paint outside of administration building.

Supplies needed:

150 feet of $\frac{3}{4}$ inch rubber hose.
 2,000 rubber neck bands for brass checks.
 2 - 50 ft. lengths of $2\frac{1}{2}$ inch fire hose.
 500 new towels.
 1 new flag for flag pole.
 1 new boat for life guards.

In closing this report the Committee respectfully recommends to the Committee on Bath Houses for the season of 1923 that they give serious consideration to the following recommendations of this Committee.

1st—Remove refreshment booth from the wharf to the land at the southern extremity of the bath houses. Fill in and level, and if possible sod, the top of the wharf, making it a beauty spot for those who desire to watch the bathers.

2nd—Have a washbowl and running water installed in the first-aid room in the administration building.

3rd—Take action towards the building of a breakwater or find some other method to catch and hold the sand on the bathing beach.

4th—Equip the administration building with suitable fire hose long enough to be effective in the event of a fire in any part of the buildings.

5th—Purchase at least one, possibly two new boats for the use of the life guards.

6th—Paint the exterior of the administration building.

7th—Have the boardwalk completely gone over, remove rotted planking and replace it with new boards.

The Committee urges its successor to purchase and have installed in the administration building a lung-motor and to encourage the employees to study first-aid treatment and the scientific use of the lung-motor. Mr. James K. Donaghy, physical director in the employ of the school department, has offered to instruct the employees of 1923 in first-aid treatment free of charge. The Committee believe Mr. Donaghy's offer should be taken advantage of.

The reason for making this recommendation is that for the first time in the history of the bath houses a drowning

accident took place at the bathing beach this season. In all fairness to the life guards and the assistants, the committee absolves them one and all from any blame in this matter and points with pride to the fact that fifteen persons were rescued during the season by the life guards and forty-nine people were treated for cuts, cramps, etc., in the first aid room of the bath houses. In view of the increasing number of accidents, the committee feels, however, that the majority of attendants at least should be well versed in scientific first-aid treatment and the use of the lung-motor.

During the fall and winter months one of the Committee's recommendations, namely the painting of the exterior of the administration building was carried out; the caretaker, Mr. Arkison, doing the entire work without assistance.

For the Committee,

Respectfully submitted,

JOHN CATTERALL,

Chairman.

ANNUAL REPORT
OF THE
Superintendent of Buildings
ALSO
INSPECTOR OF BUILDINGS
CITY OF NEW BEDFORD, MASS.

For the Year ending December 31, 1922.



NEW BEDFORD, MASS.
A. E. COFFIN PRESS—PRINTERS
1923

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

February 23, 1923.

Received, ordered printed in City Documents and sent
down for concurrence.

RODULPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL,

February 23, 1923

Concurred.

HAROLD WINSLOW,
Clerk.

REPORT OF THE Superintendent of Buildings

OFFICE OF SUPERINTENDENT OF BUILDINGS.

NEW BEDFORD, MASS., DEC. 31, 1922.

To His Honor the Mayor and the City Council:

Gentlemen:—I have the honor to submit this report on the condition of public buildings under construction December 31, 1921, also the work performed under supervision of this Department to and including December 31, 1922.

MT. PLEASANT SCHOOL.

On the 29th day of June the Committee on City Property formerly accepted this schoolhouse from the contractors as completed and immediately turned it over to the School Department. A detailed description of this building was given in my report of 1921. The cost of the building follows:

Cost of land, 674.85 rods.....	\$ 52,803.10
Cost of construction, including heating, plumbing and electrical work.....	658,356.00
Architects' fees, 1¾% (partly duplicating another school).....	11,521.23
Cost of heating building during construction....	1,278.40

Total cost of land and building.....\$723,958.73

General contractors, J. W. Bishop Company.

Heating installed by Power Heating and Ventilating Company, Boston.

Plumbing, Jeremiah Coholan, New Bedford.

Electrical work, Robbins Electrical Company, New Bedford.

Architects, Labrode & Bullard, New Bedford.

CHARLES S. ASHLEY SCHOOL.

(Ashley Boulevard and Rochambeau Street.)

On the 29th day of June this new school building was completed and accepted from the contractors by the Committee on City Property and turned over to the School Department the same day. A detailed description of the building was given in my report of 1921. The cost of the building is as follows:

Cost of land—part of City's park system taken and private land purchased for \$14,762.10— the entire lot containing 606.89 rods.....	\$ 14,762.10
Cost of construction, including heating and ven- tilating, plumbing and electrical work.....	668,278.00
Architects' fees, 1½% (partly duplicating an- other school).....	11,694.88
Cost of heating building during construction...	1,278.40
	<hr/>
	\$696,014.38

General contractor, J. W. Bishop Company.

Heating installed by Power Heating and Ventilating Company, Boston.

Plumbing by Jeremiah Coholan, New Bedford.

Electrical work by Robbins Electrical Company, New Bedford.

Architects, Labrode & Bullard, New Bedford.

The building is an exact duplicate of the Mt. Pleasant school.

CLARENCE A. COOK SCHOOL.

(On site of former old High School—Summer and North Streets.)

This building was completed and accepted by the Committee on City Property August 24th, and turned over to the custody of the School Department same day and date. A description of this building was given in my last year's

report. The cost of the building is as follows:

Contract for construction including heating and ventilating, plumbing and electrical work.....	\$566,331.00
Architect's fees	10,162.24
Heating building during construction.....	1,337.84
<hr/>	
Total cost of building.....	\$577,830.84

General contractor, J. W. Bishop Company.

Heating installed by the M. A. Dame & Son Company, Lynn, Mass.

Plumbing by Jeremiah Coholan, New Bedford.

Electrical work by Connor Electrical Company, Boston.

Architect, Nat C. Smith, New Bedford.

PUBLIC SANITARY.

In the early summer the Committee on City Property ordered plans prepared by Labrode & Bullard, architects, for a public sanitary for both men and women to be located in the basement at the northeast corner of the Municipal Building.

Competitive bids were called for by the Committee and on the 11th day of September a contract was awarded to the J. W. Bishop Company, the lowest bidder for the sum of \$37,480.00, which sum includes heating, plumbing and electrical work.

The progress of the work has been hindered by the winter weather but is expected to be completed not later than April 1st.

The heating and plumbing is to be installed by Wood, Brightman & Co., and the electrical work by Howarth & Co., both of this city.

BUTTONWOOD PARK—BARN AND WAGON
SHED.

From plans and specifications prepared by Labrode & Bullard, architects, a contract was awarded in the month of August by the Park Board to Charles O. Brightman, the lowest bidder, for the erection of a large park barn and wagon shed at Buttonwood Park.

The contract was carried out under supervision of this department and was completed and accepted by the Board in the month of November. The total cost of the work was\$4,547.00

NEW PORTABLE SCHOOLHOUSE.

In the month of October bids were obtained by the School Board for a portable school building similar in design to those now in use to be located on the Betsey B. Winslow school lot corner Allen and Brownell streets.

The contract was awarded to the lowest bidder, the E. F. Hodgson Company, of Boston, for the erection and furnishing of the same, including the hot air furnace, for the sum of\$3,441.55

MEN'S DORMITORY AT ALMSHOUSE.

From plans and specifications prepared by this department for the alteration of the first story of the men's dormitory building for additional sleeping quarters a contract was awarded to Olson & Appleby, the lowest bidders for the work for the sum of \$8,094.00.

Delay in completing this work was caused by the railroad embargo on the shipment of slate partitions and other material necessary to the work which has now arrived and being installed. The building is now being used in part and is expected to be finished complete not later than February 1st. The new arrangement will give sleeping accommodations to forty more men.

WILLIS STREET POLICE STATION ALTERATIONS.

The old Willis street Police Station, one of our oldest city buildings was turned over to the Committee on City Property by the Police Department early in the year, they having no further use for the building.

The Committee immediately ordered plans and specifications prepared by this department for alterations to the same for purpose of headquarters for the Spanish-American War Veterans.

Competitive bids were called for and a contract awarded to Olson & Appleby, the lowest bidders, for the sum of \$3,060.00. The entire work was completed and accepted by the Committee early in December and the building turned over to the custody of the War Veterans.

The building is also fitted to be used as a ward room during election times.

PAINTING VARIOUS CITY BUILDINGS.

In the month of June a contract was awarded to the C. S. Oakes Company, of Providence, R. I., the lowest bidders for interior painting of the following city buildings: Municipal building, Library building, South End Police Station, and West End Branch Library.

This work was performed very satisfactory and was completed and accepted by the Committee on City Property September 30th.

The total amount of the contract was.....\$8,481.00

PUBLIC BATHHOUSES—IMPROVEMENTS.

Extensive improvements were made to the public bathhouses before the opening of the season in the month of June. The work consisted of erecting new sun shelter over the pier, building additional box rafts, additional shower

baths in boy's section, new counter, changing partitions and installing 800 additional wooden clothes boxes. Plans and specifications for this work was prepared by this department.

The contract was performed by William Young, the lowest bidder, for the sum of.....\$2,748.00

MUNICIPAL BUILDING—COVERING STEAM MAINS.

From specifications prepared by this department all steam mains and boilers in the basement of the municipal building were covered with asbestos sheeting and openings cut through outside basement walls where blower fans were installed to relieve the oppressive heat during the summer months that has existed in the Board of Assessors' offices since the erection of the building which offices are located directly over the boiler room.

The work was performed during the month of August by James N. Conway, heating contractor of this city, the result giving immediate relief to the offices named and was greatly appreciated by those employed there. The total cost of this work was.....\$3,406.87

SCHEDULE OF ALTERATIONS AND REPAIRS
MADE TO CITY BUILDINGS DURING THE
YEAR :

Municipal building—alterations for public san- itary	\$ 37,480.00
Municipal building—alterations and covering steam mains	5,068.26
Painting Municipal building, Library, Central Police Station and Branch Library.....	8,481.00
Almshouse—alterations for men's dormitory...	8,094.00
Buttonwood Park—new barn and wagon shed..	4,547.00
Willis Street Police Station—alterations for War veterans	3,060.00
School Department—portable school—Winslow school lot	3,441.55
Bathing houses—new sun shelter and general repairs	2,842.10
New horse shed for Battery D.....	1,137.00
Range house repairs.....	840.00
City Pier—concrete cap log.....	800.00
Almshouse—repairs to pest house.....	640.04
Fire station No. 8—repairs.....	541.95
Veteran Fireman's building— general repairs..	487.00
Almshouse — plumbing.....	331.71
Central Police Station—alterations for Sealer of Weights	315.95
City Pier—carpentry repairs.....	244.56
Fire station No. 5—general repairs.....	211.52
Central Police Station—repairs to garage.....	184.00
Almshouse—heating repairs.....	178.41
Public Library — roof repairs.....	141.14
Ward room, Purchase Street—plumbing repairs.	89.79
Schoolhouses—alterations and repairs.....	56,247.31
Total	\$135,404.29

SCHOOL BUILDINGS.

Name of School	Location.	Year built, enlarged or remodelled	Material	No. stories	No. rooms	Rods of land	Valuation of land	Valuation of building	Total
Middle street	Summer and Middle streets	1844	Brick	3	9†	117.26	\$10,000	\$25,000	\$35,000
Plainville	Plainville road	1846	Wood	1	1	42.91	100	1,000	1,100
North	County road near North line	1852-1891	Wood	1	2	60.00	200	1,800	2,000
Parker street	Parker street	1852-1874-1902	Brick	2	12†	140.87	7,700	52,000	59,700
Cedar street	Cedar and Maxfield streets	1855	Wood	2	6	34.39	1,700	5,300	7,000
Dartmouth street	Dartmouth and Hickory streets	1855-1890	Wood	2	8	60.16	3,500	13,000	16,500
Rockdale	Hathaway road	1855	Wood	1	2	50.94	100	1,000	1,100
Merrimac street	Merrimac and State streets	1857	Brick	2	6	60.45	3,300	15,000	18,300
Fifth street	Fifth and Russell streets	1860-1876	Brick	3	10†	65.54	6,000	30,000	36,000
Acushnet avenue,	Acushnet Avenue near Grinnell	1878-1894	Brick	2	10	82.85	6,000	44,000	50,000
Mary B. White	Maxfield and Pleasant streets	1881	Brick	2	4	31.37	4,300	21,000	25,300
Cedar Grove street	Cedar Grove street	1883-1892	Brick	2	15	118.75	5,000	31,000	36,000
Thompson street	Thompson street	1855	Brick	2	10	80.00	4,300	33,500	37,800
Harrington	Court street	1889-1900	Brick	3	11†	180.13	5,000	50,000	55,000
I. W. Benjamin	Division street	1891	Brick	2	12	110.74	6,000	28,000	34,000
Sylvia Ann Howland	Pleasant and High streets	1893-1901	Brick	2	7	51.80	9,500	55,600	65,100
Thomas A. Greene	Fourth and Madison streets	1894	Brick	2	10	63.58	5,200	53,000	58,200
Clark street	Clark street	1896	Brick	2	8	119.54	3,500	37,000	40,500
George H. Dunbar	Dunbar and Dartmouth streets	1897	Brick	2	8	140.00	2,700	40,000	42,700
Phillips avenue	Phillips avenue	1897	Brick	2	8	118.08	5,500	33,000	38,500
William H. Taylor	Brock avenue	1898-1910	Brick	2	12†	352.64	12,475	76,000	88,475
John H. Clifford	Coggeshall and Bowditch streets	1901	Brick	3	12†	210.60	12,636	71,600	84,236
Robert C. Ingraham	Blackmer street	1901	Brick	3	12†	196.11	12,000	70,000	82,000
Horatio A. Kempton	Shawmut avenue	1901	Brick	2	8	142.30	4,680	43,000	47,680
Thomas Donaghy	South street	1905	Brick	2	12	19.31	23,500	63,004	86,504
Hosea M. Knowlton	County and Coggeshall streets	1906	Brick	3	16†	432.09	11,750	95,661	107,411
James B. Congdon	Hemlock and Thompson streets	1908	Brick	3	16†	209.29	13,488	103,001	116,488
Thomas R. Rodman	Rockdale avenue and Mill streets	1908	Brick	3	10†	124.45	4,978	76,824	81,802
Jereh Swift	Acushnet avenue near Lunds corner	1909	Brick	3	10†	124.80	1,700	80,710	82,410
Abraham Lincoln	Bowditch street, north Belleville road	1911	Brick	3	20†	696.82	17,700	128,000	145,700
Twenty-four portable schools	In various school yards and one at Sassa- quin Sanitarium	1903-1919	Wood	1	1				43,025
Betsey B. Winslow	Allen and Brownell streets	1912	Brick	2	12†	893.09	25,712	122,741	148,453
New High School	County, head of William street	1912	Brick	3	48†	401.60	60,001	509,369	569,370
Katherine street	Katherine & Bonney streets	1914	Brick	2	20†	411.97	12,233	167,081	179,314
Sarah D. Ottiwell	Hathaway & Diman streets	1918	Terra	1	15†	378.12	17,586	166,953	184,539
Emery street	Emery and Frederick streets	1921	Cotta	2	16†	249.33	16,148	262,150	278,298
Chas. S. Ashley	Ashley Blv'd and Rochambeau Street	1922	Brick	2	20†	606.89	14,762*	668,279	683,041
Mt. Pleasant School	Mt. Pleasant and Sawyer Streets	1922	Brick	2	20†	674.85	52,803	658,356	711,159
Clarence A. Cook	Summer and North Streets	1922	Brick	2	18†	133.88	75,000	565,331	641,331

† Assembly hall

* Cost \$14,762 Part of Park Land taken

\$5,021,536

FIRE STATIONS

Number of Station	Location	Year Built Enlarged or Remodeled	Material	No. Stories.	Rods of Land.	Valuation of Land	Valuation of Buildings	Totals.
No. 9	Acushnet av. nr. Lunds corner	1861	Wood	2	8.81	\$200	\$2,300	\$2,500
No. 4	Sixth and Bedford streets	1866 1897 1918	Brick	2	20.09	1,925	25,000	26,925
No. 1	*Purchase and Franklin streets	1871	Brick	2	26.68	1,500	12,000	13,500
No. 6	Fourth st., nr. Potomska st.	1882	Brick	2	28.28	1,500	14,000	15,500
No. 7	Durfee street	1890	Brick	2	37.36	1,500	20,000	21,500
No. 5	County and Hillman streets	1892	Brick	2	23.85	3,300	20,000	23,300
No. 8	Acushnet av. and Davis street	1894	Brick	2	47.00	2,600	24,000	26,600
No. 3	Kempton and Reed streets	1906	Brick	2	35.16	2,300	21,882	24,182
No. 11	Brock av. and Mott street	1908	Brick	2	44.91	1,571	17,840	19,411
No. 10	Purchase and Cedar Grove sts.	1909	Brick	2	Part water works lot		21,963	21,963
No. 2	Pleasant and North streets	1917	Brick	3	44.62	16,000	121,990	137,990
							\$333,371	

* Now used as department repair shop.

OTHER PUBLIC BUILDINGS.

Name	Location	Year Built and Remodelled	Material	No. Stories	Rods of Land	Valuation of Land	Valuation of Building	Total
*Free Public Library +Municipal Building Almshouse Property City Stables Pumping Station and Lot School Committee Headquarters Veteran Firemen's Headquarters Ward Room Water Works Isolation Hospital Miscel. Building on City Parks City Wharves, Cemeteries, etc. Sewage Pumping Station Power and Screen house	William and Pleasant Sts. William and Pleasant sts. Clark's Point Ash Street Purchase street William street High and Foster sts. Purchase street Lakeville City Farm	1907-1910 1912 1842 1877 1866-1870 1846 1846 1835 1895-1900 1904	Stone Brick Stone-Wood Brick Stone Wood Wood Wood Brick-Wood Wood	3 3 3 1 & 2 1 2 2 1 2	87.39 92.74 77 acres 456.93 640 24.61 9.83 3.82	\$125,000 138,864 46,000 8,400 24,000 5,000 1,000 500	\$275,000 336,000 54,000 57,000 25,000 4,700 1,300 650 136,000 41,200 50,000	\$400,000 474,864 110,000 65,400 49,000 9,700 2,300 1,150 136,000 41,200 50,000
Public Bath Houses	Cove road West French avenue West French avenue	1913 1914 1916	Brick Brick Concrete and Wood	1 1 1	city's shore property city's shore property Shore at Hazelwood Park Public St.		14,180 31,864	14,180 31,864
Sewage Pumping Station	Belleville avenue	1917	Concrete and Brick	1			52,975 23,157	52,975 23,157
Water Works—Repair Shop	No. Water street	1890-1917	Concrete and Wood	1 & 2	310.23	21,125	20,000	41,125
Range House ooGarbage Plant **Spanish-American War Veterans Headquarters	City's Rifle Range Shawmut Avenue Willis street near Purchase	1918 1921 Erected in 1850 Remodeled 1922	Wood Brick-Wood Wood	1 1 & 2 2	49.064 12.27	Land & Buildings Combined 2,500	2,100 156,400 5,000	2,100 156,400 7,500
								\$1,659,915

* Formerly City Hall—Erected in 1838-1839.
+ Easterly part formerly Free Public Library Building—erected in 1856.
oo Year Acquired by the City.
** Formerly Willis street Police Station

Inspector of Buildings Report

OFFICE SUPERINTENDENT OF BUILDINGS.

BUILDING STATISTICS FOR 1922.

Total number of permits granted during the past year for new buildings, additions, alterations, etc.; was 1216, at an estimated cost of \$7,057,240.00. Classified as follows :

CLASSIFIED AS FOLLOWS:

	Permits	Cost
New dwellings	544	\$3,917,600
Buildings for manufacturing and business purposes	8	528,500
Buildings for religious purposes	2	100,000
Buildings for educational purposes	2	146,000
Buildings for hospital purposes	2	70,000
Buildings for theatrical purposes	2	325,000
Buildings for apartment houses	2	100,000
Buildings for banking purposes	1	200,000
Stores singly and in blocks	71	577,500
Garages	477	643,740
Alterations and repairs	77	247,700
Miscellaneous	28	65,800
	<hr/> 1216	<hr/> \$6,921,840
City buildings—additions, alterations, and repairs to schoolhouses and other city buildings		135,400
Total	<hr/> 1216	<hr/> \$7,057,240

Number of new tenements added 880.

Classification of dwellings—One family houses, 216; two family, 320; three family, 6; four family, 2.

Dwellings erected by wards—One, 268; two, 20; three, 16; four, 65; five, 50; six, 125.

STATISTICS OF PREVIOUS YEARS.

	No. Permits	Estimated Cost	No. Dwellings Erected	No. Tenements Added
1893	340	\$1,800,000	151	322
1894	369	795,860	144	361
1895	554	1,301,871	201	527
1896	794	1,687,396	378	920
1897	797	1,357,395	310	699
1898	415	490,647	81	122
1899	424	708,245	79	124
1900	402	755,401	68	102
1901	416	1,099,102	161	235
1902	470	1,968,840	164	354
1903	603	1,984,871	252	578
1904	541	1,575,552	210	447
1905	648	1,506,275	293	645
1906	672	2,450,500	296	649
1907	682	2,256,000	278	721
1908	774	2,872,300	411	1,083
1909	986	6,267,650	550	1,473
1910	1179	7,037,337	639	1,812
1911	950	2,661,063	485	1,117
1912	940	2,400,050	379	896
1913	1245	3,067,700	425	820
1914	1062	3,039,736	406	808
1915	1012	3,126,734	383	699
1916	949	4,762,081	356	662
1917	384	3,054,211	98	128
1918	352	976,714	83	101
1919	762	7,005,420	269	396
1920	683	5,943,414	193	274
1921	882	5,816,631	359	506
1922	1216	7,057,240	544	880
	<hr/> 21,538	<hr/> \$86,354,310	<hr/> 8,646	<hr/> 18,461

A total of \$7,057,240 was expended for new construction of the city of New Bedford during the year 1922, the largest expenditure for construction work in the history of the city. The next largest year was in 1910 when \$7,0337,-337, was expended. The increase in 1922 was \$1,240,609. The number of building permits granted for construction work in the city in 1922 was 1,216, the largest since the year 1913, when 1,245 building permits were granted.

The building figures for the year 1922 are all the more significant in view of the fact that more than half of the total expenditures was for dwelling house construction while in the year 1910 there was a large volume of industrial construction. The year 1910 was big boom year, when in addition to the industrial construction there were erected 639 dwellings, as compared with 544 erected in 1922. There were added in 1922 880 new tenements, 374 more than in 1921 and the greatest number added in the last ten years.

Another significant item of construction during the year 1922 was the large number of garages erected, 477 of them as compared with 352 in 1921. The cost of garage construction in 1922 was \$643,740. Of the 544 new dwelling houses added in 1922, 320 of them were of the two-family type and 216 were of the one-family or cottage type. There were six three-family houses erected in 1922, while in the year 1910 this was the predominating type of house more of this type being built than all the others combined. There were 359 dwellings added in 1921.

Ward one as usual, leads in the number of new dwellings erected. There were 268 erected in that ward as compared with ward six, where 125 houses have been added. In ward four there have been 65 added, while in ward five 50 have been added.

The largest single new construction job in 1922 was the \$350,000 addition to the power plant of the New Bedford Gas & Edison Light Company while the next largest was the

\$250,000 theatre for Barney Zeitz. There has been comparatively only a small amount of industrial building during the year. There follows a summary of the most prominent permits granted during the course of the year:

January—S. S. Kresge Company, alterations for 5 and 10 cent store, on Purchase street.

February—Greene's service station, Kempton and Ash streets; rebuilding Washington Club after the fire.

March—St. Anthony's church convent on Bullard street.

April—Nausett cotton warehouse on Nausett street; Dr. Mary W. Walker apartment house, Union and Eighth streets.

May—New Bedford Gas & Edison Light Company, addition to power plant; Zeitz Theatre and business block, Purchase and Spring streets; new rectory, St. Joseph's parish, Duncan street; McQuillan apartment house, Cottage street.

July—New Bedford Boiler & Machine Company, warehouse, Water and Commercial streets; New Bedford Textile School addition, Maxfield street; Abramson's business block South Water street.

August—St. Andrew's Church, Belleville road; X-Ray building, Sassaquin; Baylies Square Theatre, Baylies square; Andrews apartment house, Cottage street; Margeson's business block, Purchase and Hillman streets.

September—Liss's business block, County and Union streets; Magnant furniture warehouse, Acushnet avenue, north of Tinkham.

October—Greene's service station No. 2, Kempton and Ash streets; New Bedford Institution for Savings, addition to bank building.

November—Hathaway Manufacturing Company, additions and alterations; St. Joseph's parish, new parish school, Duncan street.

December—St. Luke's hospital, additions and alterations.

Twenty-Eighth Annual Report

OF THE

Board of Cemetery Commissioners

OF THE

CITY OF NEW BEDFORD,

MASSACHUSETTS

For the year ending November 30,
1922.



NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS—PRINTERS
1923.

CEMETERY BOARD



WILLIAM M. HIGHAM, Chairman.

JOHN G. NICHOLSON.

CHARLES H. VINAL, Secretary.

CLERK OF THE BOARD.

MISS IVAH M. HUNT.

OFFICE ASSISTANT.

MRS. BERENICE E. IRVING.

SUPERINTENDENT.

SIDNEY B. DEMORANVILLE.

CEMETERIES.

RURAL

OAK GROVE

PINE GROVE

GRIFFIN STREET

CITY OF NEW BEDFORD
OFFICE OF THE CEMETERY BOARD.

New Bedford, Dec. 1, 1922.

To the Mayor and City Council,
City of New Bedford, Mass.

Gentlemen:—

It is the pleasure of the Board of Cemetery Commissioners to herewith present their annual report of this department, its receipts and expenditures, and a summary of the work accomplished for the year ending November 30, 1922.

CHARLES H. VINAL, *Secretary.*

CEMETERY REPORT

FINANCIAL STATEMENT.

FOR THE YEAR ENDING NOVEMBER 30, 1922.

DR.

Annual appropriation, March 23, 1922.....	\$ 50,000.00
Receipts, labor to December 1, 1922.....	16,799.80
Receipts, labor on Perpetual Care lots, 1921.....	12,179.47
Receipts, labor on Soldiers' and Sailors' graves, 1922.....	393.25
	<hr/>
	\$79,372.52

CR.

Expenditures, general.....	\$ 79,340.18
Transferred to unappropriated funds, (see City Auditor's Balance)	32.34
	<hr/>
	\$ 79,372.52

SALE OF LOTS.

DR.

Balance, old account.....	\$1,031.06
Receipts, Sales of Lots, to December 1, 1922.....	9,935.00
	<hr/>
	\$10,966.06

CR.

Expenditures, embellishment and improvement....	\$ 9,946.16
Balance, to new account.....	1,019.90
	<hr/>
	\$10,966.06

CEMETERY REPORT

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CLASSIFIED STATEMENT OF EXPENDITURES.

RURAL CEMETERY.

General labor account.....	\$13,144.87	
Distribution account.....	7,210.88	
Interments.....	1,769.97	
Office building (Maintenance).....	1,063.49	
Supplies, tools.....	663.09	
" , fertilizer, seed, sod, &c.....	97.00	
" , cement, sand, brick, &c.....	615.53	
" , general.....	405.18	
Water.....	393.08	
Avenues, (maintenance).....	368.09	
Pension.....	525.84	
Avenues (construction).....	36.75	
New land, extension account.....	681.43	
Fence.....	1,776.82	
Police.....	692.75	
Flag pole.....	316.86	
		<hr/> \$29,761.63

OAK GROVE CEMETERY.

General labor account.....	\$7,960.50	
Distribution account.....	2,907.84	
Interments.....	1,370.39	
Supplies, tools.....	279.34	
" , fertilizer, seed, sod, &c.....	179.00	
" , cement, sand, brick, &c.....	186.49	
" , general.....	545.24	
Water.....	142.09	
Avenues.....	1,117.20	
Office building, (Maintenance).....	1,314.09	
Garage, (Maintenance).....	252.97	
		<hr/> \$16,255.15

PINE GROVE CEMETERY.

General labor account.....	\$3,523.55	
Distribution account.....	2,382.05	
Interments.....	1,302.69	
Supplies, tools.....	136.66	
" , fertilizer, seed, sod, &c.....	119.11	
" , cement, sand, brick, &c.....	137.14	
" , general.....	512.14	
Avenues.....	368.18	
Water.....	53.39	
New land, extension account.....	3,732.00	
New avenues.....	1,483.84	
Catch basins.....	411.65	
New drain.....	249.91	
New service building.....	7,016.53	
Wall.....	246.09	
Police.....	25.50	
		<hr/> \$21,700.43

CEMETERY REPORT

GREENHOUSE AND FLOWER BEDS.

General labor account.....	4,028.02	
Maintenance, stock and supplies	574.15	
	<u>—————</u>	\$4,602.17

GRIFFIN STREET CEMETERY

General labor account.....	\$ 549.79	
Supplies.....	81.64	
	<u>—————</u>	\$ 631.43

TELEPHONES

Bell Telephones.....	\$185.02	
Automatic telephones	134.00	
	<u>—————</u>	\$319.02

SALARIES

Superintendent.....	\$2,500.00	
Office	3,519.38	
Sexton, Oak Grove Cemetery.....	1,747.59	
	<u>—————</u>	\$7,766.97

SUNDRIES

Crusher.....	\$ 43.38
Road Roller.....	49.68
Office Supplies.....	777.55
Automobiles	2,079.16
Accident account.....	60.00
Soldiers Plot.....	5,104.77
Annual report.....	120.00
Amount refunded for grave not used.....	15.00

Respectfully submitted,

IVAH M. HUNT,
Clerk of the Board.

REPORT OF CEMETERY COMMISSIONERS.

For the past few years, the appropriations to this department have been sufficient only for the general up-keep of the several cemeteries, with but little surplus to admit of much development and improvement. The high cost of labor and material were chiefly the cause of this and led to confining the work of this department to its actual needs.

During the past year, through the solicitation of the Board and the wisdom of the City Council, a larger appropriation was placed to the credit of the department, which has enabled the Board not only to meet the general maintenance demands, but to make a marked progress in some of the development and improvement in the several grounds, particularly in Pine Grove Cemetery, where the principal activities of this department have centered.

At Pine Grove Cemetery, the main avenue leading from the entrance at Ashley Boulevard has been completed across the eastern section of this cemetery. It is a beautiful winding avenue giving access to a large area of the newer section of these grounds and intersecting with the finished avenue leading from the entrance from Acushnet avenue, and connecting with those of the older sections of these grounds.

At the opening of the season, work was rushed to complete the section set aside for the use of the World War veterans, the Spanish War veterans, and their widows and orphans. All available help were pressed into this work with the result that the Board were pleased to announce the entire section was so far completed that the veterans were able to dedicate this spot to the purpose for which it was

designed, and to make their first burials on Memorial Day. An attractive, artificial pond, with a grass border, has been constructed in the center. It has a paved basin of five feet which prevents the water from washing its banks. The pond is supplied from a natural stream leading in from the north and is so controlled by gates and outlets that the water can be maintained at an average depth throughout the year.

A sixty-five foot flag pole has been erected near the center of this plot. One section of the plot is designated for the use of the Spanish War veterans and the other for the World War veterans. The center is an open space where services by either organization, or both, can be held.

The section has been graded and seeded and will present one of the attractive features in this cemetery.

For several seasons, the Board have advocated the construction of a tool house and storage building for these grounds, and as this building was desired for a permanent structure, it was deemed inadvisable to undertake its construction with the limited funds available in previous years, but with additional funds supplied by the City Council, the Board have undertaken the construction of one of the most attractive buildings designed for this purpose and when finished and its approaches and surroundings embellished, the Board feel confident that all who have interest in this cemetery will feel that it not only meets the requirement in these grounds, but is an embellishment of marked distinction in the development of this new cemetery.

The dimensions of this building are 40 ft. 8 inches by 28 feet, with a rear extension of 31 feet by 26. It is being constructed of field stone taken from our own grounds, and the work is being done by our employes, under the supervision of the Superintendent, who has had long experience in building construction before his connection with the cemeteries.

The capacity of the building is as follows:—on the main floor, there are office apartments, stock room for tools, storage for brick, lime and cement, and racks for grave frames and lowering devices, and spaces for the larger field tools. Lockers for the employes are also supplied on this floor.

At the south entrance of this building are public toilets for both men and women, back of these are the boiler room and coal bins. The rest of the rear extension will be used for the housing of the road roller, with entrance from the north.

The second floor will be utilized for a repair shop and storage for fountain covers, stone covers and for lawn mowers and other tools not in use in the winter season, also storage for lumber, as a small supply is necessary to carry at all times.

The trimming of the building is finished with specially dressed coping overhanging the main structure.

In Rural Cemetery, the season's work has progressed with its usual activity. Thirty men have been employed in these grounds.

A contract was placed with the Anchor Post Iron Works Company, of Boston, for a 6 ft. chain link woven steel fence of No. 6 wire to form the south enclosure of these grounds which border on Matthew street. This fence is built on a solid cement base of our own construction and presents a neat and attractive enclosure and a great protection from trespass in this section of the cemetery.

A new seventy foot flag pole has been erected on the Soldiers' and Sailors' lot.

Under the direction of the foreman, Mr. Lasell, the cemetery has maintained its usual attractiveness. In this cemetery are several areas temporarily reserved for embell-

ishment. The application of valuable land to the sole cause of beauty conveys more emphatically than language the unfaltering idealism which governs these sacred grounds. The labor and cost involved in the upkeep of these decorative areas, supplied from our own greenhouses and nursery, the mowing of uncared for lots from five to seven times a year—these, and many other expenditures in connection with this special feature, speak eloquently of the spirit of those interested in the work and the standard of a city which makes it possible.

In Oak Grove Cemetery, the general maintenance and upkeep of these grounds have been well in hand under the direction of the sexton, Mr. Edmund Cornell. While no further development is possible in these grounds, there is a necessity for the employment of sufficient help to care for its maintenance and to provide for the annual and perpetual care of lots, the daily interments and general repair work.

Two new motor mowers have been purchased this season, and the operation of these largely facilitates the work in cutting the grass on the lawn sections of the several grounds.

One new dump truck has also been purchased and the acquisition of this equipment fills a long felt want in the service of the department.

The greenhouses located in this cemetery, under the management of Mr. Samuel S. Peckham, have contributed to all the cemeteries a wonderful supply of plants of perennial growth.

One hundred flower beds have embellished the grounds, several of which are of special design and reflect much credit on the gardener's artistic ability. More than ninety thousand plants were used in the season's planting, beside special setting of palms, ferns, dracaenas and other specimen plants around the artificial ponds in these grounds.

The growing popularity of "Perpetual Care" by purchase of lots is very gratifying to this Board, one hundred additional lots being so placed this year, 2,269 now being the number in perpetual care in the several cemeteries. The total sum now on deposit is \$294,620.70, the interest of which, however, is only available for the benefit of individual lots. None can be used in the cemeteries at large.

For further operation of this department, reference is made to the Superintendent's report to the Board, which records the season's work more in detail and a copy of which is attached to this report.

The Board desire to express their full appreciation to His Honor, the Mayor, and to the City Council, who by their visits to the several grounds and their inspection of the progress of the work keep in touch with the operation of this department.

Respectfully submitted,

Board of Cemetery Commissioners,
WM. M. HIGHAM, *Chairman*,
JOHN G. NICHOLSON,
CHARLES H. VINAL, *Secretary*.

SUPERINTENDENT'S REPORT.

To the Board of Cemetery Commissioners:

Gentlemen:—I herewith present to you my third annual report of work accomplished in the city's several cemeteries under my supervision during the past year, together with such recommendations as appear necessary and pertinent.

The season has been an active one. While the maintenance of this ever growing city of the dead is of an expansive nature, each year special work designed by the Board was hoped to be accomplished.

The rainfall throughout the season was unusually heavy, causing a continuous and rapid growth of grass, necessitating frequent cutting, and at periods of the year nearly one hundred employes were engaged in the work of this department.

The city has now 3,694 lots in perpetual and annual care which is a special work of itself. The expense, however, is met from outside sources and therefore is no burden on the City Treasury. \$73,604.28 of the receipts of this department was spent for labor alone.

In Oak Grove Cemetery, the Smith street frontage fence has been painted. The east and west boundary fence of the older part of this cemetery should be rebuilt and painted. This would incur an expense estimated at \$1,400.00.

The tool house in Rural Cemetery must be reshingled the coming season as it is leaking badly.

The opening of new sections in Rural Cemetery calls for an extension of the water supply, as a number of requests from lot owners have been made and complaints of the long distance water has to be carried from its present terminal to the lots.

These grounds have been policed by a reserve officer of the Police Department daily from five o'clock P. M. to eleven at night, and I am pleased to report that fewer thefts of flowers and other vandalism from which these grounds have suffered have occurred.

The fence around the Griffin street Cemetery has been painted this year. It is, however, in a decaying condition and I would recommend that it be replaced by a new fence of wire construction as soon as the Board find it possible to build it.

Three large flower beds have been maintained through the season, the grass regularly cut. An employe of the department has been regularly stationed at these grounds as watchman and caretaker.

Approximately one thousand sunken graves have been re-fitted and sodded thus removing this unsightly feature from many lots. This improvement is largely the result of a circular letter sent from the office, notifying lot owners of this condition and a gratifying response was received from them, directing the work to be done and paying for the same.

Activities of this department have been most pronounced in Pine Grove Cemetery. The broad avenue, leading from Ashley Boulevard, has been finished. The large plot set aside for the World War and Spanish American War veterans has been finished, graded and seeded. The artificial pond has been finished and flooded.

Four catch basins have been built to take care of the

surface water and 672 feet of 10 inch and 8 inch pipe have been laid, the depth of a grave (four feet).

I would recommend that 250 feet of 20-inch drain be laid to provide for the flow of water which supplies the pond. This would remove the unsightly wash which the brook now presents.

Provision should be made the coming season for the construction of an avenue from the entrance at Ashley Boulevard south, thus supplying an approach to Section 14, which is continually being used for burials on public ground, and at present the undertakers are obliged to carry bodies from the main entrance by hand to make their interments as there is no finished driveway to this section.

The Board have been in close touch with the construction of the new tool house and storage building in these grounds and are fully acquainted with what has been accomplished in this permanent improvement.

Two hundred feet of double face wall have been constructed along the east line of this cemetery. It was deemed advisable to make this enclosure of solid construction as the land between the cemetery and Acushnet avenue is rapidly being built upon for resident purposes and a permanent and substantial construction of this character should be maintained. I would recommend that this construction be continued as far south as the new tool house building, a distance of six hundred feet.

In constructing the new south avenue, one thousand feet of 8-inch drain should be laid at the same time, with the necessary catch basins to take care of the surface water in this section of the grounds.

The north end of Section 12 should be graded, and water extensions made to Sections 11, 12 and 13.

A new single grave section should be provided next season as the present section is being rapidly filled.

The inadequate tomb quarters question in Pine Grove Cemetery is still unsettled. We depend on Rural and Oak Grove Cemeteries for this service. I trust that provision can soon be made for a new tomb in these grounds.

The following summary of work accomplished by this department in the several cemeteries has received my supervision.

Respectfully submitted,

SIDNEY B. DEMORANVILLE,

Superintendent of Cemeteries.

Summary of Work Done In 1922.

	Rural	Oak Grove	Pine Grove
Sq. ft. pond embankment paved.....			300
Sq. ft. new avenues laid with crushed stone.....			8,700
Sq. ft. new avenues finished.....			17,400
Sq. ft. avenues covered with tar.....			18,550
Sq. ft. land dug over.....			22,500
Sq. ft. land graded.....			36,000
Sq. ft. avenues re-surfaced.....			11,150
Sq. ft. land rough graded.....			8,200
Sq. ft. land seeded.....			41,000
Sq. ft. sod laid.....	1,974	675	
Lineal ft. borders trimmed.....	20,061	300	4,800
Cu. ft. boulders blasted and removed....			2,575
Cu. yds. sand excavated.....			18
No. ft. drain pipe laid.....			672
Lineal ft. wall built.....			200
No. ft. cement curb built for fence.....	279		
No. ft. wire fence erected.....	935		
Foundations for tablets and markers....	108	72	11
Foundations for mounuments.....	20	14	9
Foundations re-built.....	2	4	
Corner posts set in lots.....	12	6	4
Corner bounds set.....			203
Lots numbered.....	40		159
Grave numbers set in Public Ground....			223
Shrubs set out.....		15	
Trees set out.....			1
Flower and shrub beds.....	30	44	16
Neglected graves fitted.....		4	5
Neglected headstones fitted.....		4	1
Lots fitted.....	4	4	4
Tombs fitted.....	1		
Bodies entombed in 1922.....	9	5	3
Bodies remaining in tomb.....	2		1
Bodies disinterred in 1922.....	6	9	10
Interments made in lots 1922.....	228	167	45
Interments made in graves 1922.....	2	2	70
Interments made in public ground.....			131
Interments made in Soldiers' and Sailors' lot	2		5
Total interments, 1922.....	232	169	251
Lots sold in 1922.....	25	25	32
Graves sold in 1922.....		2	69
Prepared lots unsold.....	173	139	403
Value of lots unsold.....	\$44,425	\$28,225	\$35,025
Graves unsold.....			48
Value of graves unsold.....			\$720
Graves fitted.....	539	486	32

Summary of Work Done In 1922 (Continued)

No. of stones cleaned	392	105	.....
No. of monuments cleaned	12	14	.....
Trees removed	19	4	3
Shrubs removed	8	6	.....
Trees trimmed and pruned	181	20	108
Shrubs trimmed and pruned	539	75	580
Brick graves built	20	7	4
Catch basins built .....	.....	.....	4
Lot numbers made .....	.....	289	.....
Graves numbers on Soldiers plot .....	.....	.....	39
Lots in annual care	786	518	122
Lots in perpetual care *	1,134	887	77

*St. John's, 18. Peckham West, 26. St. Mary's, 75.
 Cong. Church 22. Friends, 28. Griffin Street, 1.
 Private cemetery on Braley Rd. 1.

PERPETUAL CARE.

The feature of perpetual care is being generally accepted by the public as the only proper method to insure the care and protection of their lot for all time.

The sums deposited by lot owners with the City Treasurer for this purpose are required by statutes to be deposited in the Savings Banks of the Commonwealth, and the interest only is available, which interest is and will be applied for no other use than for the care and repair and preservation of the particular lot for which it is assigned, and for the labor and supervision of the same for all future time. It takes the burden of this care from the lot owner and places it where it belongs.

One hundred additional lots were placed in perpetual care this year and there has been deposited for this care \$14,555.00, making the total amount now standing to the perpetual care of lots \$294,620.70, distributed in the several cemeteries as follows:

Rural	1134	\$152,915.62
Oak Grove.....	887	112,693.59
Pine Grove.....	77	8,306.49
St. Mary's.....	75	8,000.00
Peckham West.....	26	4,255.00
St. John's.....	18	1,900.00
Congregational Church....	22	2,775.00
Friends	28	3,475.00
Griffin Street.....	1	100.00
Private Cemetery.....	1	200.00
Braley Road		
	<hr/>	<hr/>
	2269	\$294,620.70

REPORT OF CARETAKER OF SOLDIERS' AND SAILORS' GRAVES.

New Bedford, Mass., Dec. 1, 1922.

To the Honorable City Council of the City of New Bedford:

Gentlemen:—I herewith submit the following report of the work done on neglected Soldiers' and Sailors' graves in the several cemeteries in the City of New Bedford as authorized in Chapter 122, Acts of Legislature 1914:—

	Grass cut on graves	Graves fitted	Stone fitted
Rural Cemetery and Friends.....	117	16	1
Oak Grove Cemetery.....	155	3	
St. Mary's Cemetery.....	124	7	
Pine Grove Cemetery.....	16		
St. John's Cemetery	1		
Peckham West Cemetery.....	25	1	
Sacred Heart Cemetery.....	14		
Congregational Church Cemetery.....	2		
	454	27	1

The amount appropriated for this work was \$500.00, and of this amount \$482.25 was expended for labor, leaving a balance of \$17.75.

Respectfully submitted,

SIDNEY B. DEMORANVILLE,

Caretaker of Soldiers' and Sailors' Graves.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

Jan. 25, 1923.

Received, ordered printed in the City Documents and
sent down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

Jan. 25, 1923.

Concurred,

HAROLD WINSLOW,

Clerk.

ANNUAL REPORT
OF THE
CITY CLERK
OF THE
CITY OF NEW BEDFORD
MASSACHUSETTS

For the Year 1922



New Bedford, Mass.
Bradbury-Waring Inc., Printers
1923

Annual Report of City Clerk

For the year 1922

City of New Bedford,
City Clerk's Office,
April 18, 1923.

To the City Council:

Gentlemen:—During the fiscal year 1922 (December 1, 1921, to November 30, 1922, inclusive), the City Clerk's office received and turned into the city treasury the following amounts for licenses and fees:

LICENSES

Auctioneers,	\$80.00
Billiard Tables, Pool Tables, etc.,	2,461.00
Bowling Alleys,	450.00
Sell, Rent or Lease Firearms,	75.00
Carrousels,	27.00
Hawkers and Peddlers of Fruits and Vegetables,	1,280.00
Badges,	13.50
Wagon Plates,	32.50
Awnings,	16.00
Intelligence Offices	30.00
Junk and Second Hand Dealers,	415.00
Junk Collectors,	135.00
Badges,	9.00
Wagon Plates,	22.50
Pawnbrokers,	350.00
Petroleum (G. L. Chap. 148, Sec. 14)	112.00
Petroleum Registrations,	219.50
Gunpowder Registrations,	1.00
Scallops,	172.00
Sausages, etc.,	22.00
Dry Cleaning Establishment Registrations,	2.50
Garages (G. L. Chap. 148, Secs. 14-15),	229.00
Garage Registrations,	287.50
Public Vehicles,	640.00
Seals,	320.50
Public Vehicle Drivers,	352.00
Badges,	198.00
Blanket Drivers,	90.00
Sign Permits,	161.00
Building Obstructions and Building Movings,	530.00
Special Police Officers,	223.00
Hawkers and Peddlers of Fish,	380.00
Badges,	9.50
Wagon Plates,	19.00
Circuses,	160.00
Theatrical Exhibitions,	44.50
Itinerant Vendor,	16.34
Dances,	615.00
	<hr/>
	\$10,200.84

CITY CLERK'S REPORT

FEES

Intentions of Marriage,	\$1,274.00	
Mortgages,	1,303.20	
Assignments of Mortgages,	21.00	
Foreclosures of Mortgages,	11.10	
Discharges of Mortgages,	148.20	
Bills of Sale,	126.10	
Assignments of Wages,	10.50	
Discharge of Assignment of Wages,	.50	
Married Woman's Certificates,	20.25	
Voluntary Assignments,	9.00	
Writs,	.90	
Business Certificates,	90.00	
Transfers of Licenses,	26.55	
Copies of Records,	986.82	
Soldiers' and Sailors' Discharge Papers,	21.00	
Physicians' Registrations,	2.00	
Chiropodists' Registrations,	.50	
Optometrists' Registrations,	2.00	
For Issuing Hunting, Fishing and Trapping Licenses,	357.30	
For Issuing Lobster Licenses,	10.50	
For Issuing Dog Licenses	687.20	
Promissory Note,	.45	
Power of Attorney,	1.00	
Bottle Registration,	3.00	
Affidavit,	.45	
City's Fees for Sunday Amusement Licenses,	172.00	
		<hr/>
		\$5,285.52

TOTAL AMOUNT TURNED INTO THE CITY TREASURY,	<hr/>	\$15,486.36
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AMOUNT PAID TO COUNTY AND STATE

PAID TO COUNTY TREASURER OF BRISTOL COUNTY

For Dog Licenses,	\$8,674.00	
For Breeders' Licenses—10 at \$25.00,	250.00	
1 at \$50.00,	50.00	
		<hr/>
		\$8,974.00

PAID TO DIVISION OF FISHERIES AND GAME,
STATE HOUSE

For Combination Certificates to Hunt, Fish and Trap (Resident Citizens),	\$1,529.95
For Combination Certificates to Hunt, Fish and Trap (Non-resident Citizens),	19.70
For Combination Certificates to Hunt, Fish and Trap (Non-resident Citizens—Special),	1.85
For Hunting and Trapping Certificates (Resident Citizens),	738.45
For Hunting and Trapping Certificates (Aliens),	14.85
For Minor Trappers' Certificates,	2.60
For Fishing Certificates (Resident Citizens),	816.85
For Fishing Certificates (Non-resident Citizens)	18.50

CITY CLERK'S REPORT

5

For Fishing Certificates (Aliens),	53.65	
For Lobster Fishermen's Licenses (Resident Citizens),	5.95	
For Lobster Fishermen's Licenses (Aliens),	20.40	
		<hr/>
TOTAL AMOUNT PAID TO COUNTY AND STATE,		\$3,222.75
		<hr/>
		\$12,196.75

RECAPITULATION

Licenses,	\$10,200.84
Fees,	5,285.52
Returned to County,	8,974.00
Returned to State,	3,222.75
	<hr/>
Total,	\$27,683.11

BIRTH DATA FOR 1922.

Returned from physicians, midwives and parents,	3272
Returned from churches (baptisms) and not otherwise,	94
Returned from canvass and not otherwise,	9
Returned through death reports and not otherwise,	11
Born in New Bedford, residence of parents elsewhere,	99
Born out of town, residence of parents New Bedford,	54
	<hr/>
Total, including stillbirths,	3,539
Decrease in 1922 over 1921,	327
Males,	1,831
Females,	1,708
Number cases of twins,	38
Number cases of triplets,	1
Number of stillbirths,	141
Born of American parents,	890
Born of Foreign parents,	1,844
Born of American father and foreign mother,	307
Born of foreign father and American mother,	406
Born of American mother and father of unknown nationality	51
Born of foreign mother and father of unknown nationality	41
	<hr/>
	3,539

MARRIAGE DATA FOR 1922.

1922 Marriage Intentions,	1,274
1921 Marriage Intentions,	1,315
	<hr/>
Decrease,	41
1922 Marriages,	1,342
1921 Marriages,	1,375
	<hr/>
Decrease,	33

DEATH DATA FOR 1922.

Number of deaths recorded,	1,796
Number of stillbirths,	140
Deaths returned from out of town,	90
Number of deaths in New Bedford,	1,566

CITY CLERK'S REPORT

Number of males,	811
Number of females,	755
Deaths at the age of	
under 5 years,	481
5 to 10 years,	45
10 to 20 years,	51
20 to 30 years,	79
30 to 40 years,	93
40 to 50 years,	129
50 to 60 years,	157
60 to 70 years,	231
70 to 80 years,	203
80 to 90 years,	89
over 90 years,	8
Oldest person to die,	97
Born in New Bedford,	672
Born in other places in U. S. A.,	301
Born in Canada,	142
Born in England,	141
Born in Portugal,	172
Other foreign birthplaces,	136
Birthplace unknown,	2
Deaths due to different forms of	
tuberculosis,	131
Deaths due to different cancer-	
ous growths,	108
Cases for Medical Examiner,	172

SUMMARY OF ELECTIONS.

There were four elections held in New Bedford during the year 1922 as follows:—state primaries on September 12, 1922; special primaries for nomination of a congressman October 24, 1922; state election November 7, 1922; and the municipal election, the first under the special biennial election law of 1920, accepted in 1921, which was held December 5, 1922.

STATE ELECTION.

The vote at the state election, November 7, 1922, follows:

	Vote of the city
GOVERNOR:—	
Channing H. Cox of Boston, Republican,	11139
John F. Fitzgerald of Boston, Democratic,	8595
Henry Hess of Boston, Socialist Labor,	238
Walter S. Hutchins of Greenfield, Socialist,	294
John B. Lewis of Reading, Prohibition,	233
Blanks,	818

LIEUTENANT GOVERNOR:—

John F. Doherty of Boston, Democratic,	8668
Alvan T. Fuller of Malden, Republican,	10498
Oscar Kinsalis of Springfield, Socialist Labor,	306
Thomas Nicholson of Methuen, Socialist,	390
Scattering,	4
Blanks,	1451

Vote of
the city

SECRETARY:—

Frederic W. Cook of Somerville, Republican,	11480
Albert Sprague Coolidge of Pittsfield, Socialist,	572
James Hayes of Plymouth, Socialist Labor,	458
Charles H. McGlue of Lynn, Democratic,	7061
Blanks,	1746

TREASURER:—

James Jackson of Westwood, Republican,	11512
Patrick H. Loftus of Abington, Socialist Labor,	650
Dennis F. Reagan of Brockton, Socialist,	528
Joseph E. Venne of Leominster, Democratic,	6653
Blanks,	1974

AUDITOR:—

John Aiken of Everett, Socialist Labor,	592
Alonzo B. Cook of Boston, Republican,	10788
Alice E. Cram of Boston, Democratic,	7193
Edith M. Williams of Brookline, Socialist,	540
Blanks,	2204

ATTORNEY GENERAL:—

Joseph Bearak of Boston, Socialist,	586
Jay R. Benton of Belmont, Republican,	10492
David Craig of Milford, Socialist Labor,	495
John E. Swift of Milford, Democratic,	7511
Blanks,	2233

SENATOR IN CONGRESS:—

Washington Cook of Sharon, Independent,	307
William A. Gaston of Boston, Democratic,	8511
Henry Cabot Lodge of Nahant, Republican,	9953
John A. Nicholls of Boston, Prohibition Progressive,	477
John Weaver Sherman of Boston, Socialist,	445
William E. Weeks of Everett, Progressive,	173
Scattering,	3
Blanks,	1448

CONGRESSMAN, Sixteenth District:—

James P. Doran of New Bedford, Democratic,	13596
Charles L. Gifford of Barnstable, Republican,	7115
Scattering,	1
Blanks,	605

CONGRESSMAN, Sixteenth District, To Fill Vacancy:—

Charles L. Gifford of Barnstable, Republican,	9782
Scattering,	254
Blanks,	11253

Vote of
the city

COUNCILLOR, First District:—

Thomas H. Buckley of Abington, Democratic,	7345
Zoal Thibadeau of Brockton, Socialist,	844
Elwin T. Wright of Rockland, Republican,	10268
Scattering,	2
Blanks,	2858

SENATOR, Third Bristol District:—

John Halliwell of New Bedford, Republican,	11541
John E. McBride of New Bedford, Democratic,	8245
Scattering,	2
Blanks,	1529

REPRESENTATIVES IN GENERAL COURT, Seventh Bristol District (2):—

Alfred M. Bessette of New Bedford, Republican,	6684
D. Herbert Cook of New Bedford, Republican,	4887
John T. Sloane of New Bedford, Democratic,	4142
Scattering,	1
Blanks,	6148

REPRESENTATIVES IN GENERAL COURT, Eighth Bristol District (3):—

Alfred Allard of New Bedford, Democratic,	2303
Andrew P. Doyle of New Bedford, Republican,	6202
Thomas Foy of New Bedford, Democratic,	2418
Edgar F. Howland of New Bedford, Republican,	5635
Manuel Joseph of New Bedford, Democratic,	2375
Frederick D. Sowle of New Bedford, Republican,	5563
Blanks,	6662

COUNTY COMMISSIONER, Bristol County:—

Arthur M. Reed of Westport, Republican,	13923
Scattering,	5
Blanks,	7389

ASSOCIATE COMMISSIONERS, Bristol County (2):—

James M. Hughes of New Bedford, Republican,	14409
Warren S. Leach of Raynham, Republican,	9938
Scattering,	5
Blanks,	18282

DISTRICT ATTORNEY, Southern District:—

Stanley P. Hall of Taunton, Republican,	10882
James F. O'Brien of Fall River, Democratic,	8844
Blanks,	1591

CLERK OF COURTS, Bristol County:—

Simeon Borden of Fall River, Republican,	14508
Scattering,	4
Blanks,	6805

Vote of
the city

REGISTER OF DEEDS, Bristol Southern District:

Albert B. Collins of Fairhaven, Democratic-Republican,	11539
Emile Auger of 89 Mt. Pleasant St., New Bedford,	3172
Scattering,	166
Blanks,	6110

Shall an amendment to the constitution relative to roll calls in the General Court on the adoption of preambles of emergency laws be approved?

Yes	6766
No	6459
Blanks	8092

Shall a law Chapter 368 of the Acts of 1921 (so-called Sue Bill) be approved?

Yes	5911
No	7686
Blanks	7720

Shall a law Chapter 438 of the Acts of 1921 (so-called Moving Picture Censorship Bill) be approved?

Yes	2924
No	15131
Blanks	3262

Shall a law Chapter 427 of the Acts of 1922 (so-called Liquor Legislation Bill) be approved?

Yes	6400
No	11672
Blanks	3245

Shall a law Chapter 459 of the Acts of 1922 (Shall a District Attorney be a member of the Bar of the Commonwealth?) be approved?

Yes	8323
No	7082
Blanks	5912

Number of absent ballots received and cast,	28
Number of names checked on voting list,	21314
Number of certificates issued,	3
Total number ballots cast,	21317

MUNICIPAL ELECTION.

The result of the Municipal Election, December 5, 1922, follows:

* indicates candidates elected.

MAYOR:—

John F. Hatch, Jr., Regular Citizens Party,	3056
Edward R. Hathaway, Progressive Citizens Party,	10316
Walter H. B. Remington, Citizens Party,	11513*
Scattering,	5
Blanks,	241

Vote of
the city

ALDERMAN, Ward One:—

Joseph Bolduc, Regular Citizens,	3437
Joseph Harrison, Labor,	3249
George D. Lacroix, Progressive Citizens,	7111
Napoleon Ricard, Citizens,	8917*
Blanks,	2417

ALDERMAN, Ward Two:—

Walter Barnes, Labor,	2194
John J. Duggan, Progressive Citizens,	7494
Robert Mitchell, Regular Citizens,	4807
Fielding H. Walsh, Citizens,	8223*
Blanks,	2413

ALDERMAN, Ward Three:—

George R. Hooper, Progressive Citizens,	7669
Oscar D. Kelleher, Citizens,	10027*
Frank A. McNulty, Regular Citizens,	4327
Blanks,	3108

ALDERMAN, Ward Four:—

Wilfred L. Bacon, Progressive Citizens,	6760
George A. Blake, Citizens,	8665*
Joseph F. Francis, Regular Citizens,	4979
James F. Monaghan, Labor,	1899
Blanks,	2828

ALDERMAN, Ward Five:—

William E. Jennings, Progressive Citizens,	7628
John McCullough, 3rd., Regular Citizens,	4838
George S. Taber, Citizens,	9757*
Blanks,	2908

ALDERMAN, Ward Six:—

William Bond, Progressive Citizens,	7670
John Catterall, Citizens,	9288*
Abraham Murgatroyd, Labor,	1796
Harry Seddon, Regular Citizens,	3278
Scattering,	1
Blanks,	3098

ASSESSOR-AT-LARGE (Six Years):—

Joseph H. Handford, Citizens, Regular Citizens,	18888*
Progressive Citizens,	12
Scattering,	6231
Blanks,	

Vote of
the city

SCHOOL COMMITTEE. Two Years:—

Charles S. Ashley, Independent,	9999*
Olive S. Barney, Public School Association,	6474
William R. Benoit, Independent,	6811
Clarence E. Burt, Public School Association,	5797
Hazel C. Burton, Citizens School League,	8823*
Joseph Eccleston, Citizens School League,	10085*
William D. Hamel, Public School Association,	7167
Guy A. Senesac, Citizens School League,	8342
Scattering,	1
Blanks,	11894

SCHOOL COMMITTEE. Four Years:—

Samuel Barnet, Public School Association,	8941
Calvin T. Bosworth, Public School Association,	8105
James J. McKenna, Citizens School League,	11360*
Claude C. Smith, Citizens School League,	10980*
Rufus A. Soule, Jr., Public School Association,	9342
Fred W. Steele, Citizens School League,	12184*
Scattering,	1
Blanks,	14480

Vote of
the Ward

COMMON COUNCILMEN, Ward One:—

Herbert Atkinson, Regular Citizens,	790
Henry H. Bowles, Citizens,	1237
Henry J. Cassin, Labor,	542
Arcade Dagesse, Progressive Citizens,	1882*
Joseph A. Demers, Regular Citizens,	968
George H. Dragon, Labor,	641
Alfred D. Frigault, Regular Citizens,	1160
Howard E. Gamble, Progressive Citizens,	1273
Napoleon J. Gouette, Progressive Citizens,	1583*
George N. Genest, Independent.,	429
Napoleon Gregoire, Citizens,	1623*
James T. Hancock, Labor,	696
Theobald M. Healy, Citizens,	1277
Harry Riding, Regular Citizens,	827
John Singleton, Labor,	643
Haworth Taylor, Citizens,	1212
Burgoyne Wooley, Progressive Citizens,	1361*
Blanks,	2896

COMMON COUNCILMEN, Ward Two:—

Roland Auger, Citizens,	992
William R. Balderson, Progressive Citizens,	1177*
William Bourdon, Progressive Citizens,	1030
Aldei Casavant, Regular Citizens,	708
Thomas Corrigan, Labor,	413
William H. Fletcher, Labor,	397
Austin Fowler, Regular Citizens,	1216*
Thomas H. Hampton, Citizens,	959

	Vote of the ward
Albert H. Krapf, Citizens,	976
Thomas Harry Margeson, Citizens,	1307*
John J. Murray, Progressive Citizens,	1180*
George Walter Pasell, Regular Citizens,	475
William F. Riley, Regular Citizens,	761
Arthur Spragg, Labor,	433
Joseph Thornley, Labor,	552
Charles F. Weir, Progressive Citizens,	783
Scattering,	1
Blanks,	2104

COMMON COUNCILMEN, Ward Three:—

Harold P. Baldwin, Progressive Citizens,	893
Frank J. Cory, Regular Citizens,	753
Leonard S. Dodge, Citizens,	1746*
Alexander Donaghy, Citizens,	1721*
Frederick J. Dyer, Regular Citizens,	589
William J. Francis, Progressive Citizens,	980
Fred L. Hathaway, Citizens,	1545*
Francis A. Mahoney, Regular Citizens,	842
George A. Moorehouse, Progressive Citizens,	1053
John Ross, Progressive Citizens,	845
James H. Tighe, Regular Citizens,	813
Henry S. Winslow, Citizens,	1737*
Blanks,	1879

COMMON COUNCILMEN, Ward Four:—

Frederick J. J. Abrams, Citizens,	1700*
James Craven, Citizens,	1515*
Samuel Higginbottom, Regular Citizens,	734
Henry R. Kruger, Workmen,	208
Bernard C. McCabe, Regular Citizens,	779
George W. Mahon, Citizens,	1489*
Lewis F. Peirce, Regular Citizens,	903
William W. Pierce, Jr., Progressive Citizens,	793
Francis G. Purrington, Progressive Citizens,	760
Arthur W. Riley, Progressive Citizens,	692
George G. Sylvia, Regular Citizens,	919
Albert E. Welsh, Progressive Citizens,	777
Percy A. Woodland, Citizens,	1728*
Scattering,	1
Blanks,	1834

COMMON COUNCILMEN, Ward Five:—

Otto Carl Banks, Progressive Citizens,	1143
Robert A. Bartlett, Citizens,	1872*
Robert L. Bavlies, Citizens,	1926*
L. Rodman Deane, Progressive Citizens,	1172
Joseph Jason, Citizens,	1613*
Thomas H. Johnson, Progressive Citizens,	999
Manuel M. Ladino, Jr., Regular Citizens,	527
William Martin, Progressive Citizens,	1168

CITY CLERK'S REPORT

13

	Vote of the ward
William G. Morrison, Regular Citizens,	656
Thomas A. Morrison, Citizens,	1618*
Edward Murray, Regular Citizens,	616
Richard A. Phelan, Regular Citizens,	709
Blanks,	1991

COMMON COUNCILMEN, Ward Six:—

Henry Bolton, Progressive Citizens,	1535*
Edward F. Delaney, Progressive Citizens,	1535*
John J. Flanagan, Citizens,	1350*
Arthur C. Fontaine, Citizens,	1223
Armand A. Fortier, Progressive Citizens,	1278
George Kershaw, Regular Citizens,	463
Adelard Langlois, Regular Citizens,	516
John Francis McNeeley, Labor,	694
John Moniz, Citizens,	1260
Joseph F. Mullarkey, Regular Citizens,	548
John H. Ormerod, Labor,	626
Joseph Piche, Regular Citizens,	478
Frederick Roberts, Labor,	657
Joseph F. Routhier, Progressive Citizens,	1038
Robert Upton, Labor,	512
John T. Wilkinson, Citizens,	1400*
Blanks,	2659

Shall Licenses be granted for the Sale of Certain Non-Intoxicating Beverages in this City?

Yes	14402
No	6946
Blanks	3783

Shall the City petition for the installation of an accounting system by the Commonwealth?

Yes	10352
No	6673
Blanks,	8106

Number of names checked on voting list,	25120
Number of certificates issued,	11
Total number of ballots cast,	25131

Respectfully submitted,

RODOLPHUS A. SWAN,

City Clerk.

In Board of Aldermen,
April 26, 1923..

Received, ordered printed in the city documents, and sent
down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

In Common Council,
April 26, 1923.

Concurred.

HAROLD WINSLOW,
Clerk.

THE
Auditor's Annual Report

OF THE
Receipts and Expenditures

OF THE
**CITY OF NEW BEDFORD
MASSACHUSETTS**

For the Year

1922

NEW BEDFORD, MASS.
THE MESSENGER PRESS—21 NO. SECOND ST.
1923

CITY OF NEW BEDFORD

OFFICE OF THE CITY AUDITOR.

To the Honorable the City Council:

I respectfully submit herewith a report of the receipts and expenditures of the city of New Bedford for the financial year 1922, with a statement of the bonded debt and a schedule of the city property.

CHARLES J. MCGURK,

City Auditor.

RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
Taxes.			
1922. Property	\$4,348,317.98		
Polls	100,286.00		
Prior Years.			
Property	602,238.89		
Polls	42,931.00		
From the State.			
Corporations	579,604.41		
Street railways.....	16,199.41		
National banks.....	5,924.71		
Incomes	202,023.95		
Total	\$5,897,526.35		\$5,897,526.35
Licenses and Permits.			
LICENSES.			
Amusements	\$2,830.50		
Auctioneers	80.00		
Automobile dealers.....	990.00		
Billiards and bowling.....	2,911.00		
Firearms and gunpowder.....	76.00		
Fruit and fish peddlers.....	1,734.50		
Hacks, wagons and motor vehicles	1,600.50		
Garages	229.00		
Health	199.00		
Intelligence officers.....	30.00		
Itinerant vendors.....	866.34		
Junk	581.50		
Liquor	39.00		
Lodging houses	430.00		
Milk, provisions and slaughter..	429.00		
Pawnbrokers	350.00		
Petroleum	331.50		
Soft drinks.....	93.00		
Special police.....	223.00		
Sunday	2,870.00		
Victuallers	977.00		
PERMITS.			
Awnings	16.00		
Building obstructions.....	530.00		
Dry cleaning	2.50		
Garages	287.50		
Marriage	1,274.00		
Sausage	22.00		
Scallops	172.00		
Signs	161.00		
Boxing exhibitions	2,278.70		
Total.....	\$22,614.54		\$22,614.54
Fines and Forfeits.			
Court fines	\$21,078.99		
Total.....	\$21,078.99		\$21,078.99

RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
Grants and Gifts.			
From Bristol County, dog fund..	\$7,736.20		
From Commonwealth,			
Classes for blind.....	1,000.00		
Americanization	11,890.45		
Vocational school	36,987.73		
Continuation schools	33,689.38		
Smith-Hughes fund.....	7,537.48		
Total.....	\$98,841.24		\$98,841.24
Special Assessments.			
Sewer construction		\$54,139.54	
Sidewalk construction.....		150.12	
Total.....		\$54,289.66	\$54,289.66
Departmental.			
GENERAL GOVERNMENT.			
City clerk, fees and sundries...	\$4,002.32		
City collector, fees and costs....	3,805.02		
City messenger, sales.....	14.55		
City property, rent and sales....	1,067.20		
Engineering, sales	144.00		
Licensing board, fees.....	51.25		
Total.....	\$9,084.34		\$9,084.34
PROTECTION OF LIFE AND PROPERTY.			
Police, rent, sales and insurance.	\$519.33		
Fire department, sales.....	1,314.38		
Motor truck inspection.....	374.00		
City sealer, fees.....	1,908.72		
Garage inspection	3,101.50		
Elevator inspection	32.50		
Trimming trees	73.43		
Total.....	\$7,323.86		\$7,323.86
HEALTH AND SANITATION.			
Board of health, reimbursements	\$25,950.99		
Sewer entry fees.....	555.00		
Sewers and drains, service and			
supplies	35,366.23		
Garbage plant, sales.....	27,647.69		
Garbage plant, rent.....	100.00		
Total.....	\$89,619.91		\$89,619.91
HIGHWAYS AND BRIDGES.			
Highways, service and supplies..	\$6,511.44		
Highway improvement, construc-			
tion		\$19,659.61	
Street lighting, sale of posts....	640.75		
Total.....	\$7,152.19	\$19,659.61	\$26,811.80

RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
CHARITIES.			
Alms-house, sale of produce.....	\$5,496.44		
Reimbursement from individuals.	3,015.52		
" from other towns .	5,111.67		
" from the Common- wealth	53,850.64		
Mothers aid, from Commonwealth	13,413.01		
Mothers aid, from other towns..	2,588.98		
Total.....	\$83,476.26		\$83,476.26
SOLDIERS BENEFITS.			
Burial of soldiers.....	\$240.00		
Military aid.....	1,530.00		
State aid	7,340.00		
Total.....	\$9,110.00		\$9,110.00
SCHOOLS.			
Public schools, sales.....	\$658.91		
Public schools, tuition.....	8,699.68		
Vocational school, sales.....	2,115.32		
Vocational school, tuition.....	16,858.75		
Continuation schools, sales.....	319.75		
Total.....	\$28,652.41		\$28,652.41
LIBRARIES.			
Fines	\$1,387.21		
Sales	88.81		
Total.....	\$1,476.02		\$1,476.02
RECREATION.			
Bath houses, rent.....	\$400.00		
Bath houses, fees.....	2,837.95		
Parks, rent.....	655.00		
Parks, sales.....	199.65		
Playgrounds, sales	12.10		
Total.....	\$4,104.70		\$4,104.70
Total Departmental			\$259,659.30

RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
Public Service Enterprises.			
NEW BEDFORD WATER WORKS.			
Sale of water.....	\$365,918.08		
From other sources.....	29,339.64		
Total.....	\$395,257.72		\$395,257.72
DEPARTMENT OF WHARVES.			
Wharfage	\$2,907.07		
Rent	3,004.48		
Water	319.44		
Sale of land		\$2,558.28	
Total.....	\$6,230.99	\$2,558.28	\$8,789.27
Total, Public Service Enterprises...			\$404,046.99
Cemeteries.			
Care of lots and graves.....	\$27,317.18		
Sale of lots and graves.....		\$9,935.00	
Total.....	\$27,317.18	\$9,935.00	\$37,252.18
Total, Cemeteries			\$37,252.18
Interest.			
On assessments	\$1,006.28		
On deferred taxes.....	22,861.55		
On deposits.....	17,784.59		
On claims discounted.....	220.52		
On library funds.....	13,916.26		
On school funds.....	2,992.26		
Total.....	\$58,781.46		\$58,781.46
Total, Interest			\$58,781.46

RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Indebtedness	Total
Municipal Indebtedness.			
Temporary revenue notes.....		5,850,000.00	
Highway improvement bonds....		760,000.00	
Highway macadam bonds.....		230,000.00	
School loan bonds.....		776,000.00	
Sewer loan bonds.....		250,000.00	
Park loan bonds.....		13,000.00	
Popes island sea wall bonds....		23,000.00	
Building loan bonds.....		40,000.00	
Premiums on bonds.....	\$3,012.52		
Unpaid warrants of current year		250,944.09	
	\$3,012.52	\$8,192,944.09	\$8,195,956.61
Total, Municipal Indebtedness.....			\$8,195,956.61

RECEIPTS

SOURCES OF RECEIPTS		Temporary Accounts	Total
Agency and Trust Funds.			
State tax		\$522,848.26	
County tax		208,966.50	
Non resident bank tax.....		38,314.79	
Liquor licenses for Commonwealth		12.00	
Cash discrepancies		393.04	
Cemetery perpetual care deposits		14,555.00	
Department advances		346.20	
Kempton fund advances.....		6,658.17	
Salary advances		27,355.74	
Sewer deposits		46,296.00	
Highway deposits		27,924.83	
Pay roll tailings		4.50	
Total, Agency and Trust Funds		\$893,675.03	\$893,675.03
Refunds.			
Accrued interest		\$3,404.06	
Civilian war poll tax.....		3,690.00	
Sundry department		1,889.13	
Total, Refunds		\$8,983.19	\$8,983.19
Sinking Funds.			
From sinking fund commissioners		\$65,000.00	
Total, Sinking Funds.....		\$65,000.00	\$65,000.00
Total, Cash Receipts.			\$16,017,705.54
Service, interest and other transfers.			379,181.73
Total Receipts			\$16,396,887.27
Cash at the beginning of the year			1,130,297.92
Total.....			\$17,527,185.19

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
DEPARTMENTAL.			
General Government.			
CITY COUNCIL.			
Salaries of aldermen (6)	\$600.00		
Salary of clerk of common council	500.00		
Clerical services	394.50		
Compensation of automobile inspector	1,826.33		
Compensation of city council pages	258.00		
Advertising	374.58		
Carriage hire	900.25		
City council calendar	248.00		
City documents	2,343.77		
Committee expenses	618.90		
Land registry fees	283.40		
Portrait painting	750.00		
Printing and stationery	831.12		
Miscellaneous charges	56.41		
Total	\$9,985.26		\$9,985.26
MAYOR.			
Salary of mayor	\$7,500.00		
Stenographer	\$1,717.14		
Secretary	1,883.70		
Chauffeur	157.50		
Advertising	707.38		
Entertainment of guests	190.34		
Furniture and fixtures	692.77		
Office expenses	170.04		
Printing and stationery	934.34		
Special services	397.67		
Telephone and telegraph service.	124.64		
Traveling expenses	558.50		
Total	\$15,034.02		\$15,034.02
AUDITOR.			
Salary of auditor	\$3,500.00		
Clerk hire	5,602.50		
Office expenses	119.72		
Printing and stationery	1,272.94		
Telephone charges	14.40		
New filing case		\$854.99	
Total	\$10,509.56	\$854.99	\$11,364.55

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
ASSESSORS.			
Salaries of assessors (3).....	\$9,000.00		
Compensation of assistant as- sessors	4,105.00		
Clerk hire	7,382.17		
Advertising	116.34		
Carriage hire	624.50		
Furniture and fixtures.....	93.54	\$350.50	
Office and traveling expenses ...	317.53		
Printing and stationery.....	3,806.46		
Telephone service.....	64.80		
Total.....	\$25,510.34	\$350.50	\$25,860.84
CLERK OF COMMITTEES.			
Salary of clerk of committees...	\$2,327.41		
Clerk hire	2,280.38		
Advertising, printing and stationery	633.09		
Carriage hire.....	48.25		
Furniture and fixtures	48.50	\$101.25	
Office and traveling expenses....	195.56		
Telephone and telegraph charges	62.57		
Total.....	\$5,595.76	\$101.25	\$5,697.01
CITY MESSENGER.			
Salary of city messenger.....	\$200.00		
Pay rolls, municipal building...	26,866.98		
Pensions	689.32		
Decorating municipal building...	433.00		
Engine room supplies.....	631.10		
Fuel	7,551.53		
Furniture and fixtures.....	472.84		
Ice supply	410.25		
Janitor and toilet supplies.....	858.63		
Light and power, commercial....	1,231.09		
Machinery repairs.....	634.26		
Stock and labor, building repairs	1,601.13		
Water rates, municipal building.	434.69		
Telephone charges, switch board	3,690.76		
Miscellaneous charges	259.13		
Total.....	\$45,964.71		\$45,964.71

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
CITY PROPERTY COMMITTEE.			
Advertising	\$1,040.80		
Appraisers	1,100.00		
Committee expenses	1,241.45		
Library repairs and fixtures....	3,544.04		
Police station repairs and fixtures	4,037.29	\$288.73	
School buildings, expenses.....	125.53	170.51	
Veteran firemens headquarters, repairs.....	487.00		
Municipal building, repairs	10,002.40		
Ward room repairs and expenses	9.96		
Total.....	\$21,588.47	\$459.27	\$22,047.74
SUPERINTENDENT OF PUBLIC BUILDINGS AND INSPECTOR OF BUILDINGS.			
Salary of superintendent and inspector ..	\$3,514.31		
Compensation of assistants	8,360.82		
Clerk hire.....	1,982.34		
Car tickets	100.00		
Motor cars and maintenance....	694.56	\$649.00	
Office fixtures and expenses.....	231.30		
Printing and stationery.....	644.72		
Telephone charges	61.65		
Total.....	\$15,597.70	\$649.00	\$16,238.70
TREASURER AND COLLECTOR.			
Salary of treasurer and collector	\$4,000.00		
Clerk hire	19,408.55		
Constable	765.00		
Carriage hire	1,291.00		
Furniture and fixtures.....	368.64		
Legal financial opinions.....	100.00		
Office and traveling expenses...	531.46		
Postage	1,371.71		
Printing and stationery.....	1,865.98		
Surety bonds	879.51		
Telephone charges.....	129.10		
Total.....	\$30,710.95		\$30,710.95
LICENSING BOARD.			
Salaries of the board (3).....	\$1,498.60		
Clerk hire	1,668.00		
Advertising	73.35		
Office fixtures and expenses.....	92.10		
Printing and stationery.....	271.05		
Telephone charges.....	11.40		
Total.....	\$3,614.50		\$3,614.50

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SINKING FUND COMMISSIONERS.			
Salary of treasurer.....	\$300.00		
Rent of safe deposit boxes.....	60.00		
Printing and stationery.....	11.85		
Total.....	\$371.85		\$371.85
CITY SOLICITOR.			
Salary of city solicitor.....	\$3,000.00		
Office and traveling expenses...	696.86		
Telephone service	73.57		
Total.....	\$3,770.43		\$3,770.43
CITY CLERK.			
Salary of city clerk.....	\$3,714.38		
Salary of assistant city clerk...	2,459.82		
Clerk hire.....	21,115.88		
Advertising	317.77		
Carriage hire	135.50		
Furniture and fixtures.....	522.18	\$197.00	
License badges and plates.....	279.00		
Office and traveling expenses...	310.77		
Postage	172.24		
Printing and stationery.....	3,113.59		
Telephone charges	84.27		
Total.....	\$32,225.40	\$197.00	\$32,422.40
PLANNING BOARD.			
Traveling expenses	\$200.00		
Total.....	\$200.00		\$200.00
ENGINEERING.			
Salary of city engineer.....	\$3,926.30		
Compensation of assistants.....	31,711.66		
Clerk hire	2,309.45		
Drawing instruments and supplies	779.14		
Furniture and fixtures	696.35		
Motor cars and maintenance....	1,926.71	\$2,232.34	
Office supplies and expenses.....	505.49		
Printing and stationery.....	662.42		
Stock and labor, miscellaneous..	174.73		
Telephone and telegraph charges	32.95		
Transportation charges	1,466.60		
Total.....	\$44,191.80	\$2,232.34	\$46,424.14

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
ELECTIONS.			
Pay of precinct officers.....	\$9,795.00		
Clerical services	745.67		
Janitors and watchmen	333.75		
Advertising	923.98		
Ballot boxes and voting booths..	741.36		
Carriage hire	552.26		
Carting ballot boxes	799.63		
Polling place equipment	2,244.76		
Printing and stationery.....	3,198.55		
Rent of polling places	975.00		
Total.....	\$20,309.96		\$20,309.96
REGISTRARS OF VOTERS.			
Salaries of registrars (4).....	\$1,595.72		
Salary of assistant registrar...	200.00		
Clerk hire	3,896.20		
Advertising	347.96		
Office expenses	32.85		
Printing and stationery	1,965.30		
Telephone charges	56.85		
Total.....	\$8,094.88		\$8,094.88
Total, General Government.....			\$298,111.94

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Protection of Life and Property.			
POLICE.			
Payrolls, salaries and wages....	\$449,159.21		
Payrolls, pensions.....	12,413.54		
Keeper of lockup.....	100.00		
Department equipment and supplies	685.77		
Fuel	3,073.34		
Furniture and fixtures	1,293.98		
Laundry	30.30		
Lighting	1,694.18		
Janitor supplies	912.83		
Meals for prisoners.....	205.96		
Motor vehicles and maintenance.	5,468.33	\$5,570.00	
Printing and stationery.....	1,815.75		
Repairs to stations.....	618.16		
Stock and labor, miscellaneous...	450.91		
Surgical and medical charges...	53.56		
Telephone and telegraph charges	1,749.06		
Traveling and office expenses....	1,166.43		
Uniform repairs and insignia...	618.21		
Use of power boats.....	365.00		
Water service	224.26		
Total.....	\$482,098.78	\$5,570.00	\$487,668.78
FIRE DEPARTMENT.			
Pay rolls, salaries and wages....	\$418,957.06		
Pay rolls, pensions.....	4,180.46		
Protecting society	200.00		
Electric power	895.55		
Equipment and repairs.....	5,308.30		
Fuel for stations.....	7,413.18		
Hose and couplings.....	1,261.50		
Lighting charges	2,952.66		
Miscellaneous charges	2,254.15		
Motor supplies	3,400.31		
Repairs to stations.....	3,520.24		
Signal system charges	5,952.11	\$3,000.00	
Supplies and furnishings.....	1,974.28		
Telephone and telegraph service.	836.38		
Water supply at stations.....	380.65		
Total.....	\$459,486.83	\$3,000.00	\$462,486.83
FIRE APPARATUS.			
Four Moon roadster cars.....	\$7,840.00		
One Winton touring car.....	4,000.00		
One White truck chassis.....	2,532.60		
Total.....	\$14,372.60		\$14,372.60

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
FIRE STATION ALTERATIONS.			
Contractor	\$4,297.96		
Total.....	\$4,297.96		\$4,297.96
MILITIA AND ARMORIES.			
Advertising	\$30.88		
Committee expenses	271.00		
Fourth Company, rifle range....	34.65	\$810.00	
" " transportation ..	151.39		
" " telephone service	24.10		
Battery D., heat and light charges	106.76		
" " new shed		1,137.00	
" " telephone charges ...	49.42		
Total.....	\$671.20	\$1,977.00	\$2,648.20
INSPECTOR OF WIRES.			
Salary of inspector.....	\$2,250.00		
Compensation of assistants.....	6,240.00		
Pay roll, police signal system...	3,640.00		
Clerk hire	1,653.61		
Motor cars and maintenance....	1,673.13	\$1,692.00	
Office and traveling expenses....	1,135.24		
Police signal charges.....	1,856.63	1,265.99	
Printing and stationery.....	786.35		
Telephone service.....	137.72		
Total.....	\$19,372.68	\$2,957.99	\$22,330.67
SEALER OF WEIGHTS AND MEASURES.			
Salary of sealer.....	\$2,207.32		
Salaries of deputy sealers.....	5,417.01		
Clerk hire	1,063.50		
Advertising and printing	273.42		
Motor cars and maintenance....	784.93	\$1,739.25	
Office removal expenses	425.92		
Office and traveling expenses....	186.96		
Teaming	165.00		
Telephone charges.....	76.24		
Tools and seals.....	592.24		
Total.....	\$11,192.54	\$1,739.25	\$12,931.79
CITY FORESTRY.			
Salary of city forester.....	\$2,462.85		
Pay rolls, labor.....	13,111.76		
Chemicals	514.95		
Motors and maintenance.....	267.62	\$575.35	
Office and traveling expenses....	417.30		
Road and walk repairs.....	2,023.45		
Supplies, miscellaneous.....	714.71		
Tools and fitting	1,200.89		
Total.....	\$20,713.56	\$575.35	\$21,288.91
Total, Protection of Life and Property			\$1,028,025.74

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Health and Sanitation.			
BOARD OF HEALTH.			
Salaries of the board (3).....	\$2,094.45		
Salary of agent.....	3,875.07		
Clerk hire	4,308.33		
Bacteriologists	2,875.02		
Department nurses	17,865.00		
Director of field work.....	4,000.00		
Medical inspector	3,077.96		
Medical school inspector.....	3,187.44		
Baby clinic, salary charges.....	837.00		
Milk and slaughter inspectors...	3,762.58		
Milk examiners and fumigators.	1,825.83		
Oculist	2,000.00		
Parochial school nurses.....	2,215.00		
Plumbing inspectors	4,153.88		
Rat catchers	2,369.07		
Sanitary inspectors	7,300.83		
Advertising, printing and stationery	1,925.72		
Automobiles and maintenance...	2,234.67		
Chemical and medical supplies..	1,764.62		
Office supplies and expenses.....	1,228.44		
Port physician, transportation...	206.50		
Rat survey expenses	667.06		
Schick test fees.....	6,543.50		
Telephone and telegraph charges	418.35		
Traveling expenses	1,111.16		
Vaccination fees	967.00		
Contagious diseases, hospitals...	1,145.35		
Contagious diseases, nurses.....	3,358.60		
Contagious diseases, physicians..	1,081.50		
Contagious diseases, supplies....	1,037.16		
Contagious diseases, other towns.	301.18		
Dental clinic, dentists.....	4,535.00		
Dental clinic, nurses.....	7,952.33		
Dental clinic, janitors.....	48.00		
Dental clinic, equipment.....	512.05		
Dental clinic, supplies.....	2,245.97		
Pest house, repairs and supplies.	1,008.99		
Isolation hospital, wages.....	1,724.47		
Isolation hospital, nurses.....	484.01		
Isolation hospital, repairs.....	1,089.28		
Isolation hospital, supplies.....	2,640.48		
Tuberculosis, clinic expenses.....	2,203.02		
Tuberculosis, hospitals.....	73,398.48		
Tuberculosis, other towns.....	2,057.70		
Tuberculosis, physicians.....	1,010.00		
Tuberculosis, supplies.....	782.03		
Total.....	\$191,430.08		\$191,430.08

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
CITY PHYSICIAN.			
Salary of city physician.....	\$1,000.00		
Total.....	\$1,000.00		\$1,000.00
INSPECTOR OF ANIMALS.			
Salary of inspector.....	\$500.00		
Total.....	\$500.00		\$500.00
VITAL STATISTICS.			
Advertising, printing and stationery	\$153.25		
Canvass by city clerk.....	927.39		
Fees for birth and death returns	1,532.25		
Total.....	\$2,612.89		\$2,612.89
GARBAGE COLLECTIONS.			
Collection contractor, pay rolls..	\$56,716.79		
Carts, repairs and maintenance.	2,324.63	\$949.06	
Supervision and use of tools....	1,900.00		
Miscellaneous charges.....	88.66		
Total.....	\$61,030.08	\$949.06	\$61,979.14
GARBAGE DISPOSAL.			
Salary, superintendents.....	\$3,100.00		
Pay rolls, garbage plant.....	30,031.97		
Analysis and brokerage.....	823.31		
Building repairs.....	1,236.74		
Freight and carting.....	3,030.33		
Fuel and freight.....	21,245.61		
Hardware and tools.....	802.63		
Light and power, electric.....	6,806.12		
Machinery, repair and supplies..	15,338.20	\$2,950.00	
Motor cars and maintenance....	837.80		
Office and traveling expenses...	551.11		
Ploughing disposal.....	1,425.00		
Solvents	15,034.09		
Supplies, miscellaneous.....	1,637.56		
Water supply	65.72		
Total.....	\$101,966.19	\$2,950.00	\$104,916.19
SHELLFISH COMMISSION.			
Contribution for deficiency.....	\$631.72		
Total.....	\$631.72		\$631.72
PUBLIC SANITARY STATION.			
Architect		\$1,124.40	
Contractor		6,841.65	
Total.....		\$7,966.05	\$7,966.05

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SEWAGE DISPOSAL.			
Pay rolls, labor.....	\$20,513.51		
Pay rolls, accident account.....	521.67		
Car tickets.....	125.00		
Electric light and power.....	9,052.86		
Fuel	1,440.06		
Hardware and tools.....	537.42		
Motor truck and maintenance...	957.99	\$603.00	
Miscellaneous supplies and service	935.94		
Repairs, stock and labor.....	1,037.45		
Stock and labor, other accounts.	958.37		
Telephone charges	146.65		
Total.....	\$36,226.92	\$603.00	\$36,829.92
SEWERS AND DRAINS.			
Pay rolls, labor and teaming....	\$79,678.45		
Brick, cement and pipe.....	27,298.10		
Castings	3,093.42		
Miscellaneous supplies and service	1,046.08		
Motor truck maintenance.....	1,775.47		
Sewer rebates	46.96		
Stock and labor, other accounts..	20,627.14		
Total.....	\$133,565.62		\$133,565.62
SEWER CATCH BASINS.			
Pay rolls, labor		\$17,763.47	
Other service and supplies.....		9,978.36	
Total.....		\$27,741.83	\$27,741.83
SEWER, ACUSHNET AVENUE.			
Pay rolls, labor.....		\$8,989.56	
Other service and supplies.....		5,449.07	
Total.....		\$14,438.63	\$14,438.63
SEWER, ALFRED STREET.			
Pay rolls, labor.....		\$4.92	
Other service and supplies.....		181.42	
Total.....		\$186.34	\$186.34
SEWER, ALLEN STREET.			
Services and supplies.....		\$22.50	
Total.....		\$22.50	\$22.50
SEWER, BAYVIEW STREET.			
Pay rolls, labor.....		\$431.32	
Other service and supplies.....		340.73	
Total.....		\$772.05	\$772.05

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SEWER, BEDFORD STREET.			
Pay rolls, labor.....		\$417.54	
Other service and supplies.....		211.36	
Total.....		\$628.90	\$628.90
SEWER, BEDFORD AND JOHN STREETS.			
Pay rolls, labor.....		\$5,888.32	
Other service and supplies.....		2,359.19	
Total.....		\$8,247.51	\$8,247.51
SEWER, BELAIR STREET.			
Pay rolls, labor.....		\$401.57	
Other service and supplies.....		352.77	
Total.....		\$754.34	\$754.34
SEWER FORCE MAIN, BELLEVILLE AVENUE.			
Pay rolls, labor.....		\$1,216.20	
Other service and supplies.....		1,181.29	
Total.....		\$2,397.49	\$2,397.49
SEWER, BIRCH STREET.			
Pay rolls, labor.....		\$563.74	
Other service and supplies.....		139.52	
Total.....		\$703.26	\$703.26
SEWER, BLISS AND BOLTON STREETS.			
Pay roll, labor.....		\$16,485.50	
Other service and supplies.....		9,303.40	
Total.....		\$25,788.90	\$25,788.90
SEWER, BREWSTER STREET.			
Pay rolls, labor.....		\$3,063.48	
Other service and supplies.....		1,442.62	
Total.....		\$4,506.10	\$4,506.10
SEWER, BYRON STREET.			
Pay rolls, labor.....		\$2,035.77	
Other services and supplies.....		550.37	
Total.....		\$2,586.14	\$2,586.14
SEWER, CARROLL STREET.			
Pay rolls, labor.....		\$696.95	
Other service and supplies.....		203.19	
Total.....		\$900.14	\$900.14
SEWER, COGGESHALL STREET.			
Pay rolls, labor.....		\$759.29	
Other service and supplies.....		497.43	
Total.....		\$1,256.72	\$1,256.72

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SEWER, DARLING STREET.			
Pay rolls, labor.....		\$616.17	
Other services and supplies.....		350.18	
Total.....		\$966.35	
SEWER, DEWOLF STREET.			\$966.35
Pay rolls, labor.....		\$637.10	
Other service and supplies.....		244.90	
Total.....		882.00	
SEWER, EDNA STREET.			\$882.00
Pay rolls, labor.....		\$447.01	
Other service and supplies.....		21.26	
Total.....		\$468.27	
SEWER, FAIRMOUNT STREET.			\$468.27
Pay rolls, labor.....		\$714.82	
Other service and supplies.....		204.95	
Total.....		\$919.77	
SEWER, FRANCIS STREET.			\$919.77
Pay rolls, labor.....		\$4,724.18	
Other service and supplies.....		4,197.18	
Total.....		\$8,921.36	
SEWER, GARFIELD AND MYRTLE STREETS.			\$8,921.36
Pay rolls, labor.....		\$3,237.62	
Other service and supplies.....		1,651.78	
Total.....		\$4,889.40	
SEWER, GAYWOOD STREET.			\$4,889.40
Pay rolls, labor.....		\$783.28	
Other service and supplies.....		237.84	
Total.....		\$1,021.12	
SEWER, GIFFORD STREET.			\$1,021.12
Pay rolls, labor.....		\$584.74	
Other service and supplies.....		2,298.82	
Total.....		\$2,883.56	
SEWER, HADLEY STREET.			\$2,883.56
Pay rolls, labor.....		\$1,445.77	
Other service and supplies.....		290.99	
Total.....		\$1,736.76	
SEWER, HARWICH STREET.			\$1,736.76
Pay rolls, labor.....		\$3,028.65	
Other service and supplies.....		2,215.89	
Total.....		\$5,244.54	
			\$5,244.54

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SEWER, HERSOM STREET.			
Pay rolls, labor.....		\$3,439.63	
Other service and supplies.....		3,516.51	
Total.....		\$6,956.14	\$6,956.14
SEWER, HIGHLAND AND COGGESHALL STREETS.			
Pay rolls, labor.....		\$121.83	
Other service and supplies.....		156.31	
Total.....		\$578.14	\$578.14
SEWER PUMP STATION, HOWARD AVENUE.			
Pay rolls, labor.....		\$3,992.23	
Other service and supplies.....		5,759.15	
Total.....		\$9,751.38	\$9,751.38
SEWER, IRVINGTON AND MAYWOOD STREETS.			
Pay rolls, labor.....		\$6,241.28	
Other service and supplies.....		2,267.36	
Total.....		\$8,508.64	\$8,508.64
SEWER, LANDRY STREET.			
Pay rolls, labor.....		\$81.73	
Total.....		\$81.73	\$81.73
SEWER, LLOYD STREET.			
Pay rolls, labor.....		\$514.38	
Other service and supplies.....		274.41	
Total.....		\$788.79	\$788.79
SEWER, MALDEN ST. SHAWMUT AVENUE.			
Pay rolls, labor.....		\$1,512.71	
Other service and supplies.....		745.49	
Total.....		\$2,258.20	\$2,258.20
SEWER, MAPLE STREET.			
Pay rolls, labor.....		\$192.96	
Other service and supplies.....		322.90	
Total.....		\$815.86	\$815.86
SEWER, MECHANICS LANE.			
Pay rolls, labor.....		\$672.89	
Other service and supplies.....		253.81	
Total.....		\$926.73	\$926.73

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SEWER, MILFORD STREET.			
Pay rolls, labor.....		\$772.00	
Other service and supplies.....		485.01	
Total.....		\$1,257.01	\$1,257.01
SEWER, MOUNT VERNON STREET.			
Pay rolls, labor.....		\$29.00	
Other service and supplies.....		110.32	
Total.....		\$139.32	\$139.32
SEWER, NORWELL STREET.			
Pay rolls, labor.....		\$12.00	
Total.....		\$12.00	\$12.00
SEWER, ORCHARD STREET.			
Pay rolls, labor.....		\$1,020.64	
Other service and supplies.....		391.30	
Total.....		\$1,411.94	\$1,411.94
SEWER, OSBORN STREET.			
Pay rolls, labor.....		\$1,121.41	
Other service and supplies.....		108.11	
Total.....		\$1,229.52	\$1,229.52
SEWER, PORTLAND STREET.			
Pay rolls, labor.....		\$582.25	
Other service and supplies.....		360.26	
Total.....		\$942.51	\$942.51
SEWER, REED STREET.			
Pay rolls, labor.....		\$1,187.74	
Other service and supplies.....		205.78	
Total.....		\$1,393.52	\$1,393.52
SEWER, RIVER ROAD.			
Pay rolls, labor.....		\$14,511.34	
Other service and supplies.....		5,444.75	
Total.....		\$19,956.09	\$19,956.09
SEWER, ROCHAMBEAU STREET.			
Pay rolls, labor.....		\$1,171.76	
Other service and supplies.....		1,170.25	
Total.....		\$2,342.01	\$2,342.01
SEWER, ROCKDALE AVENUE.			
Pay rolls, labor.....		\$1,014.49	
Other service and supplies.....		174.24	
Total.....		\$1,188.73	\$1,188.73

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SEWER, ROY STREET.			
Pay rolls, labor.....		\$134.62	
Other service and supplies.....		38.41	
Total.....		\$173.03	\$173.03
SEWER, RYAN STREET.			
Pay rolls, labor.....		\$3,215.36	
Other service and supplies.....		1,033.09	
Total.....		\$4,248.45	\$4,248.45
SEWER, SEYMOUR STREET.			
Pay rolls, labor.....		\$738.38	
Other service and supplies.....		467.18	
Total.....		\$1,205.56	\$1,205.56
SEWER, SHAWMUT AVENUE.			
Pay rolls, labor.....		\$656.20	
Other service and supplies.....		303.26	
Total.....		\$959.46	\$959.46
SEWER, STANTON COURT.			
Service and supplies.....		\$68.07	
Total.....		\$68.07	\$68.07
SEWER, STEPHEN AND MATTHEW STREETS.			
Pay rolls, labor.....		2,526.73	
Other service and supplies.....		2,464.52	
Total.....		\$4,991.25	\$4,991.25
SEWER, SWIFT STREET.			
Pay rolls, labor.....		\$3,161.41	
Other service and supplies.....		1,608.42	
Total.....		\$4,769.83	\$4,769.83
SEWER, SYLVIA AND LANGLOIS STS.			
Pay rolls, labor.....		\$1,559.63	
Other service and supplies.....		639.90	
Total.....		\$2,199.53	\$2,199.53
SEWER, TARKILN HILL ROAD.			
Pay rolls, labor.....		\$3,151.84	
Other service and supplies.....		1,777.93	
Total.....		\$4,929.77	\$4,929.77

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SEWER, THOMPSON STREET.			
Pay rolls, labor.		\$902.40	
Other service and supplies.....		1,532.28	
Total.....		\$2,434.68	\$2,434.68
SEWER, UNION STREET.			
Pay rolls, labor.....		\$1,103.84	
Other service and supplies.....		872.42	
Total.....		\$1,976.26	\$1,976.26
SEWER, WOOD STREET.			
Pay rolls, labor.....		\$6,447.85	
Other service and supplies.....		4,626.93	
Total.....		\$11,074.78	\$11,074.78
Total, Health and Sanitation.....			\$759,864.52

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Highways and Bridges.			
HIGHWAYS.			
Pay rolls, superintendent and office	\$19,497.60		
Pay rolls, labor and teaming....	277,829.24		
Pay rolls, labor and teaming for other accounts	269,339.48		
Pay rolls, accident account.....	9,705.51		
Pay rolls, pension account.....	2,277.98		
Building repairs and maintenance	1,002.93		
Equipment, repairs and charges	35,280.20		
Motors, maintenance and repairs	31,976.73		
Office supplies and expenses.....	2,958.34		
Road repair charges.....	81,957.86		
Sidewalk repair charges.....	1,218.06		
Street cleaning charges.....	1,927.49		
Stable and shop charges.....	6,386.70		
Teaming charges.....	3,459.36		
Tools and repairs.....	5,092.71		
Supplies for other accounts.....	29,261.44		
Miscellaneous service and supplies	39,134.08		
Total.....	\$817,405.77		\$817,405.77
HIGHWAY IMPROVEMENT.			
Pay rolls, labor and teaming....		\$209,835.89	
Appraisers		1,400.00	
Broken stone		111,247.89	
Curbing		52,977.63	
Granolithic walks, contractor....		19,468.43	
Land damages.....		27,630.73	
Paving blocks		3,822.78	
Paving contractors.....		227,261.27	
Miscellaneous supplies.....		398.90	
Service and supplies for other accounts		4,152.68	
Service and supplies from other accounts		136,108.79	
Total.....		\$794,304.99	\$794,304.99
HIGHWAY MACADAM.			
Pay rolls, labor and teaming....		\$40,296.54	
Analysis of materials.....		35.00	
Road oil		2,828.50	
Sand and gravel.....		2,362.28	
Stone		78,076.77	
Tar		24,396.50	
Supplies and service from other accounts		84,613.97	
Total.....		\$232,609.56	\$232,609.56

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
BRIDGES.			
Pay rolls, labor.....	\$18,462.97		
Electric light and power.....	990.00		
Equipment and machinery repairs.....	4,121.86		
Expert engineer inspection.....	1,000.00		
Miscellaneous service and supplies.....	2,243.99		
Service and supplies from other accounts	4,300.58		
Total.....	\$31,119.40		\$31,119.40
NEW BRIDGE FENDER PIER.			
Contractor		\$8,934.50	
Total.....		\$8,934.50	\$8,934.50
POFES' ISLAND SEA WALL.			
Advertising		\$18.50	
Contractor		15,264.48	
Total.....		\$15,282.98	\$15,282.98
HARBOR MASTER.			
Salary of harbor master.....	\$400.00		
Use of boat	52.00		
Total.....	452.00		\$452.00
STREET LIGHTING.			
Salary of superintendent.....	\$1,000.00		
Committee expenses	92.00		
Printing	57.13		
Electric lighting	90,085.87		
Gas lighting	24,625.24		
Damages, broken lamps	428.04		
Total.....	\$116,288.28		\$116,288.28
BOARD OF SURVEY.			
Advertising	\$57.91		
Total.....	\$57.91		\$57.91
LAND DAMAGES, BOWDITCH STREET.			
Award of damages.....		\$140.00	
Total.....		\$140.00	\$140.00
Total, Highways and Bridges.....			2,016,595.39

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Charities.			
Poor.			
Salaries, overseers and secretary	\$4,259.40		
Salaries, clerks and visitors.....	12,617.17		
Office and traveling expenses...	1,417.61	\$861.00	
Almshouse, salaries and wages..	30,689.43		
Almshouse, maintenance charge:	49,702.11		
Outside relief, burials	2,708.00		
“ “ , cash orders	43,078.73		
“ “ , clothing	5,073.16		
“ “ , fuel	4,759.79		
“ “ , homes	5,677.90		
“ “ , hospitals	56,312.68		
“ “ , other towns	12,697.10		
“ “ , physicians and			
medicines	9,813.38		
“ “ , provisions	82,939.46		
“ “ , rents	587.46		
“ “ , state institutions .	4,872.57		
“ “ , transportation	263.00		
“ “ , miscellaneous	1,169.79		
Mothers aid, burials.....	51.00		
“ “ , cash orders	61,798.57		
“ “ , fuel	3,182.81		
“ “ , physicians and			
medicines	1,616.21		
“ “ , merchandise	2,024.79		
Total.....	\$377,342.12	\$861.00	\$378,203.12
ALMSHOUSE BOILERS.			
Contractor	\$1,637.00		
Total.....	\$1,637.00		\$1,637.00
Total, Charities.....			\$379,840.12

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Soldiers Benefits.			
BURIAL OF SOLDIERS.			
Burial agents.....	\$10.00		
Undertakers	242.25		
Total.....	\$252.25		\$252.25
MILITARY AID.			
Cash disbursements	\$2,738.00		
Total.....	\$2,738.00		\$2,738.00
STATE AID.			
Cash disbursements	\$7,168.00		
Total.....	\$7,168.00		\$7,168.00
SOLDIERS RELIEF.			
Salary of agent.....	\$1,506.24		
Clerk hire	1,868.35		
Compensation of physicians	1,300.00		
Burial charges	75.00		
Cash orders	9,546.50		
Fuel	9,513.87		
Medical and surgical supplies...	1,032.06		
Office and traveling expenses....	412.22		
Provisions and clothing.....	36,881.17		
Total.....	\$62,135.42		\$62,135.42
SOLDIERS AND SAILORS GRAVES.			
Fitting and care of graves.....	\$482.95		
Total.....	\$482.95		\$482.95
SOLDIERS TAX EXEMPTIONS.			
Net state charges.....	\$1,056.12		
Total.....	\$1,056.12		\$1,056.12
RENT, G. A. R. HEADQUARTERS.			
William Logan Rodman Post 1..	\$375.00		
Richard A. Peirce Post 190.....	\$375.00		
Total.....	\$750.00		\$750.00
RENT, AMERICAN LEGION HEAD- QUARTERS.			
Post 1, American Legion.....	\$1,146.64		
Total.....	\$1,146.64		\$1,146.64
Total, Soldiers Benefits.....			\$75,729.38

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Education.			
PUBLIC SCHOOLS, PAY OF TEACHERS.			
Day schools	\$352,880.80		
Evening schools	31,145.50		
Summer schools	1,966.40		
Total.....	\$988,992.70		\$988,992.70
PUBLIC SCHOOLS, INCIDENTALS.			
Salary of superintendent.....	\$5,396.21		
Other general salaries	40,910.37		
Pensions	2,098.73		
Janitors and cleaners	82,973.17		
Automobiles and maintenance...	1,709.80		
Books and stationery supplies...	55,007.34		
Class room supplies.....	4,905.08		
County training school.....	544.66		
Express, freight and carting....	1,449.34		
Fuel	38,473.91		
Furniture and fixtures.....	3,818.50		
Health and hygiene charges....	2,124.71		
Janitor supplies	5,888.87		
Lighting charges	4,641.65		
Printing and advertising.....	3,595.38		
Office supplies and expenses	1,244.47		
Service and supplies, miscellaneous	2,491.05		
Telephone service	1,274.55		
Transportation of pupils.....	1,913.00		
School survey expenses	4,193.95		
Water rates	5,540.09		
Total.....	\$270,194.83		\$270,194.83
PUBLIC SCHOOLS, REPAIR OF BUILDINGS.			
Care of grounds	\$2,756.02		
Carpentry	12,321.57		
Heating repairs and extensions..	5,141.03		
Electric repairs and supplies....	4,125.73		
Furnished portable building.....		\$3,441.55	
Furnishings and repairs	3,617.77		
Hardware and tools.....	978.03		
Mason work	2,870.72		
Painting and glazing.....	10,296.31		
Plumbing and water fixtures....	9,269.26		
Roofing	1,118.45		
Miscellaneous building supplies..	310.84		
Total.....	\$52,805.76	\$3,441.55	\$56,247.31

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
CONTINUATION SCHOOLS.			
Salaries, director and teachers..	\$52,256.74	\$4,402.86	
Clerk hire	2,835.68		
Janitors and cleaners.....	2,126.70		
Books and stationery.....	485.75		
Class room supplies	3,529.16		
Equipment, repairs and supplies	1,394.74		
Fuel	678.38		
Light and power.....	486.88		
Telephone charges.....	186.53		
Traveling expenses	394.06		
Miscellaneous service and supplies	494.23		
Total.....	\$64,868.85	\$4,402.86	\$69,271.71
NEW BEDFORD VOCATIONAL SCHOOL			
Pay rolls, director and teachers..	\$69,605.83	\$4,660.80	
Pay rolls, janitors and watchmen	4,727.85		
Clerk hire	1,262.70		
Pupil care takers, compensation.	561.84		
Advertising and printing.....	813.33		
Books and stationery.....	1,778.00		
Class room and shop supplies....	16,235.95		
Equipment and furnishings	1,193.86		
Fuel	3,919.02		
Light and power charges.....	1,524.54		
Replacements and repairs.....	5,336.52		
Rent	4,200.00		
Transportation of supervisors...	530.40		
Telephone charges.....	324.44		
Water rates	225.68		
Total.....	\$112,239.96	\$4,660.80	\$116,900.76
SCHOOLS, DOG FUND.			
Motor car maintenance.....	\$944.98		
Musical instruments and supplies	455.87		
Postage and box rent.....	127.00		
Street car tickets.....	265.00		
Service and supplies,miscellaneous	246.27		
Traveling expenses	1,834.87		
Total.....	\$3,873.99		\$3,873.99
SCHOOLS, BOURNE PRIZE FUND.			
Cash prizes for essays.....	\$60.00		
Total.....	\$60.00		\$60.00

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SCHOOLS, PAISLER FUND.			
Books and maps.....	\$503.29		
Blankets	63.60		
Lantern slides	130.00		
Medals and insignia.....	48.38		
Music, instruments and repairs..	482.90		
Supplies for dramatics.....	202.50		
Total.....	\$1,430.67		\$1,430.67
S. A. HOWLAND EDUCATIONAL FUND.			
Books and maps.....	\$1,203.46		
Grants to teachers association...	450.00		
Music supplies.....	37.00		
Renovating and moving art objects	30.00		
Total.....	\$1,720.46		\$1,720.46
SMITH-HUGHES FUND.			
Vocational school pay rolls.....	\$5,120.52		
Total.....	\$5,120.52		\$5,120.52
MOUNT PLEASANT STREET SCHOOL.			
General contractor		\$185,936.28	
Total.....		\$185,936.28	\$185,936.28
ROCHAMBEAU STREET SCHOOL.			
General contractor		\$182,402.87	
Total.....		\$182,402.87	\$182,402.87
SUMMER STREET SCHOOL.			
General contractor		\$259,219.65	
Total.....		\$259,219.65	\$259,219.65
SCHOOL BUILDINGS, HEATING.			
Fuel		\$6,830.80	
Service		3,900.80	
Total.....		\$10,731.60	\$10,731.60
SCHOOL BUILDINGS, FURNISHINGS.			
New School furnishings.....		\$55,011.26	
Total.....		\$55,011.26	\$55,011.26

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SCHOOL LAND, TARKILN HILL ROAD. Land on Tarkiln Hill Road.....		\$58,748.00	
Total.....		\$58,748.00	\$58,748.00
SIDEWALK, SUMMER STREET SCHOOL New granolithic walk.....		\$2,408.84	
Total.....		\$2,408.84	\$2,408.84
NEW BEDFORD TEXTILE SCHOOL. Contribution to State appropriation	\$10,000.00		
Total.....	\$10,000.00		\$10,000.00
NEW BEDFORD TEXTILE SCHOOL, LAND. Land purchased for new addition	\$10,000.00		
Total.....	\$10,000.00		\$10,000.00
Total, Education			\$2,288,274.45

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Libraries.			
FREE PUBLIC LIBRARY.			
Salaries and wages.....	\$48,948.77		
Binding	711.30		
Books	96.88		
Fuel charges at branches.....	637.22		
Furniture, fixtures and repairs..	821.71		
Insurance	1,209.60		
Janitor supplies.....	151.48		
Laundry	94.58		
Lighting charges.....	636.66		
Miscellaneous service and supplies	463.43		
Printing and stationery	812.90		
Subscriptions	507.92		
Telephone charges	70.15		
Transportation of books.....	268.97		
Water supply	70.79		
Minor repairs	330.70		
Total.....	\$55,833.06		\$55,833.06
LIBRARY, DOG FUND.			
Binding	\$599.45		
Books	2,211.10		
Convention expenses	101.80		
Newspapers and periodicals.....	1,191.20		
Printing	296.25		
Miscellaneous charges	18.20		
Total.....	\$4,418.00		\$4,418.00
LIBRARY, JAMES B. CONGDON FUND.			
Books	\$25.45		
Total.....	\$25.45		\$25.45
LIBRARY, GEORGE O. CROCKER FUND.			
Binding	\$107.00		
Books	187.05		
Newspapers and periodicals.....	35.55		
Total.....	\$329.60		\$329.60
LIBRARY, OLIVER CROCKER FUND.			
Books	\$20.00		
Periodicals	2.00		
Printing	6.85		
Total.....	\$28.85		\$28.85

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
LIBRARY, SYLVIA ANN HOWLAND FUND.			
Advertising and printing.....	\$54.39		
Binding	581.17		
Books	515.03		
Lecture and art display.....	97.50		
Newspapers and periodicals....	59.50		
Total.....	\$1,307.59		\$1,307.59
LIBRARY, GEORGE HOWLAND, JR. FUND.			
Book subscription	\$42.00		
Total.....	\$42.00		\$42.00
LIBRARY, CHARLES W. MORGAN FUND.			
Books	\$16.40		
Printing	8.95		
Total.....	\$25.35		\$25.35
LIBRARY, KEMPTON FUND, GIFT OF SARAH E. POTTER.			
Books	\$7,118.63		
Binding	1,408.83		
Newspapers and periodicals.....	195.96		
Pictures	130.00		
Printing	589.87		
Total.....	\$9,443.29		\$9,443.29
LIBRARY, CHARLES L. WOOD FUND.			
Books	\$55.14		
Total.....	\$55.14		\$55.14
Total, Libraries.....			\$71,508.33

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Recreation.			
PARK COMMISSION.			
Pay rolls, labor and superintendent	\$49,753.14		
Pay rolls, compensation	728.00		
Pay rolls, pensions.....	955.76		
Animal and stable supplies.....	2,367.10		
Athletic and playground fixtures	414.26		
Buildings and fence repairs.....	4,476.84	\$4,706.14	
Care takers	287.90		
Flags, poles and repairs.....	236.41		
Fuel	1,016.14		
Hardware and tools.....	1,259.11	365.00	
Lighting charges.....	1,071.13		
Motors and maintenance.....	1,118.94	2,460.00	
Office and traveling expenses...	562.98		
Plants, seeds and shrubs.....	1,273.12		
Ploughing and filling.....	533.46		
Roads, drains and walks.....	2,533.88		
Supplies, miscellaneous	842.31		
Telephone charges	183.93		
Water supply	1,005.60		
Total	\$70,620.01	\$7,531.14	\$78,151.15
PARK LAND.			
For land taken, Buttonwood....		\$9,551.76	
Total.....		\$9,551.76	\$9,551.76
PLAYGROUNDS.			
Pay rolls, attendants.....	\$4,273.47		
Equipment charges	960.57		
Miscellaneous service and supplies	1,066.36		
Total.....	\$6,300.40		\$6,300.40
PUBLIC BATHING HOUSES.			
Pay rolls, attendants.....	\$8,465.25		
Advertising and printing.....	208.64		
Laundry	453.75		
Lighting	134.14		
Stock and labor, fitting.....	3,370.26		
Suits and towels.....	2,134.00		
Water supply	99.44		
Miscellaneous service and supplies	549.77		
Total.....	\$15,415.25		\$15,415.25

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
FOURTH OF JULY.			
Band concerts	\$700.90		
Fireworks	1,500.00		
Salutes	150.00		
Miscellaneous supplies and service	144.26		
Total.....	\$2,495.16		\$2,495.16
SEVENTY FIFTH ANNIVERSARY.			
Advertising, printing and stationery	\$280.06		
Carriage and horse hire	116.00		
Fireworks	1,500.00		
Medals and cups	537.63		
Music	856.00		
Pageant and sports charges.....	818.00		
Personal services	603.15		
Total.....	\$4,710.84		\$4,710.84
COMMUNITY SOCIAL CENTERS.			
Pay rolls, director and assistants	\$12,951.44		
Christmas tree expenses.....	317.74		
Fixtures, furniture and supplies.	316.70		
Motor car maintenance	385.82		
Personal service	92.98		
Printing and stationery.....	169.38		
Traveling expenses	60.20		
Rent of tent and apparatus.....	35.00		
Telegraph and telephone charges	47.70		
Miscellaneous charges	225.49		
Total.....	\$14,602.45		\$14,602.45
Total, Recreation, Etc.			\$131,227.01

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Unclassified.			
COMMITTEE ON CLAIMS.			
Awards of damages.....	\$376.51		
Stenographer	6.00		
Total.....	\$382.51		\$382.51
COURT JUDGMENTS.			
Executions for land damages....		\$3,848.82	
Executions for personal damages	\$1,500.00		
Total.....	\$1,500.00	\$3,848.82	\$5,348.82
LABOR SERVICE REGISTRAR.			
Compensation of registrar.....	\$500.00		
Printing and stationery.....	123.15		
Total.....	\$623.15		\$623.15
MEMORIAL DAY.			
Advertising, printing and stationery	\$57.85		
Carriage and horse hire.....	66.00		
Decorations	1,041.08		
Music	647.92		
Miscellaneous charges	86.38		
Total.....	\$1,899.23		\$1,899.23
PREMIUMS ON BONDS.			
Legal opinions	\$1,350.00		
Printing	50.15		
Traveling expenses	12.50		
Total.....	\$1,412.65		\$1,412.65
Total, Unclassified			\$9,666.36

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Public Service Enterprises.			
NEW BEDFORD WATER WORKS.			
Salaries, office and superintendent	\$42,437.27		
Office and traveling expenses....	4,002.73		
Other salaries and wages.....	34,928.63	\$43,782.68	
Extensions and equipment		100,095.01	
Maintenance and repair charges	111,334.39		
Bonds paid	43,000.00		
Interest on water debt.....	105,371.25		
Sinking fund contribution.....	25,450.00		
Water rebates	316.93		
Total.....	\$366,841.20	\$143,877.69	\$510,718.89
NEW BEDFORD WATER WORKS, NEW FORCE MAIN.			
Pay rolls, labor and teaming....		\$51,518.65	
Construction supplies and charges		70,002.27	
Total.....		\$121,520.92	\$121,520.92
DEPARTMENT OF WHARVES.			
Interest on wharf debt.....	\$1,040.00		
Pension	484.80		
Water rates	60.61		
Wharfinger, fees.....	459.78		
Wharf repairs	1,053.41		
Total.....	\$3,098.60		\$3,098.60
Total, Public Service Enterprises....			\$635,338.41

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Cemeterics.			
CEMETERY BOARD.			
Pay rolls, superintendent and clerks	\$6,043.00		
Pay rolls, labor and teaming....	59,364.71		
Pay rolls, pension.....	525.84		
Advertising, printing and stationery	562.25		
Brick, cement and pipe	1,442.87		
Fuel	848.17		
Ground keeping supplies	1,568.30		
Hardware, tools and fitting	1,779.61		
Insurance	175.90		
Lumber	2,054.45		
Motor cars and maintenance	1,008.88	\$900.00	
Office expenses and supplies.....	757.09		
Supplies and service, miscellaneous	196.16		
Stock and labor, miscellaneous...	1,196.36		
Telephone service	319.02		
Water service	597.57		
Total.....	\$78,440.18	\$900.00	\$79,340.18
CEMETERIES, SALE OF LOTS.			
Pay rolls, labor and teaming....		\$7,670.73	
Flag staffs		565.00	
Iron fence		1,250.50	
Construction supplies		444.93	
Rebate	\$15.00		
Total.....	\$15.00	\$9,931.16	\$9,946.16
Total Cemeterics.....			\$89,286.34

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Indebtedness	Total
Interest.			
On cemetery funds expended....	\$1,604.10		
On bonded debt.....	491,643.75		
On temporary loans	124,199.04		
Total.....	\$617,446.89		\$617,446.89
Municipal Indebtedness.			
Bonds paid from revenue.....	\$970,000.00		
Bonds paid from sinking funds..		\$65,000.00	
Notes. revenue loan, 1921.....		1,010,000.00	
Notes. revenue loan, 1922.....		3,850,000.00	
Unpaid warrants of prior years.		367,422.76	
Total.....	\$970,000.00	\$5,292,422.76	\$6,262,422.76
Total, Interest and Indebtedness....			\$6,879,869.65

OBJECTS OF PAYMENTS	From Revenue	
Sinking Funds.		
Appropriation of revenue paid to the commissioners of the sink- ing funds.....	\$18,772.00	
Total.....	\$18,772.00	\$18,772.00
Total Sinking Funds.....		\$18,772.00

STATEMENT OF THE BONDED DEBT AND SINKING FUNDS OF THE CITY OF NEW BEDFORD,
NOVEMBER 30 1909

10/22/01

	LOANS	Date	Interest Rate	When Due	Amount
partner	Water Supply	April 1, 1904	1	April 1, 1924 (S. E.)	120,000.00
	"	April 1, 1906	1	April 1, 1926 (S. E.)	100,000.00
	"	April 1, 1907	1	April 1, 1927 (S. E.)	100,000.00
Publicate	Water Supply	Sept. 1, 1910	7/8	June 1, 1930 (S. E.)	18,000.00
	"	Sept. 1, 1911	1	Sept. 1, 1931 (S. E.)	100,000.00
	"	May 1, 1912	1	May 1, 1932 (S. E.)	100,000.00
Water Works	"	May 1, 1913	7/8	May 1, 1933 (S. E.)	100,000.00
	"	May 1, 1914	7/8	May 1, 1934 (S. E.)	100,000.00
	"	May 1, 1915	7/8	May 1, 1935 (S. E.)	100,000.00
Highways	Improvements	April 1, 1904	1	April 1, 1924 (S. E.)	120,000.00
	"	April 1, 1906	1	April 1, 1926 (S. E.)	100,000.00
	"	April 1, 1907	1	April 1, 1927 (S. E.)	100,000.00
Highways	Improvements	Sept. 1, 1910	7/8	June 1, 1930 (S. E.)	18,000.00
	"	Sept. 1, 1911	1	Sept. 1, 1931 (S. E.)	100,000.00
	"	May 1, 1912	1	May 1, 1932 (S. E.)	100,000.00
Highways	Improvements	May 1, 1913	7/8	May 1, 1933 (S. E.)	100,000.00
	"	May 1, 1914	7/8	May 1, 1934 (S. E.)	100,000.00
	"	May 1, 1915	7/8	May 1, 1935 (S. E.)	100,000.00
Highways	Improvements	April 1, 1904	1	April 1, 1924 (S. E.)	120,000.00
	"	April 1, 1906	1	April 1, 1926 (S. E.)	100,000.00
	"	April 1, 1907	1	April 1, 1927 (S. E.)	100,000.00
Highways	Improvements	Sept. 1, 1910	7/8	June 1, 1930 (S. E.)	18,000.00
	"	Sept. 1, 1911	1	Sept. 1, 1931 (S. E.)	100,000.00
	"	May 1, 1912	1	May 1, 1932 (S. E.)	100,000.00
Highways	Improvements	May 1, 1913	7/8	May 1, 1933 (S. E.)	100,000.00
	"	May 1, 1914	7/8	May 1, 1934 (S. E.)	100,000.00
	"	May 1, 1915	7/8	May 1, 1935 (S. E.)	100,000.00

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PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Temporary Accounts	Total
Agency and Trust.			
AGENCY.			
County tax		\$208,966.50	
State tax		522,818.26	
Non resident bank tax.....		38,314.79	
Liquor licenses for State.....		11.75	
TRUST.			
Cash discrepancies		602.80	
Cemetery perpetual care deposits		14,555.00	
Cemetery 6% income disbursed...		1,662.09	
Department advances		346.20	
Salary advances		27,589.11	
Highway deposits		22,367.30	
Sewer deposits		44,973.65	
Kempton fund advances		5,510.58	
Total, Agency and Trust.		\$887,757.33	\$887,757.33
REFUNDS.			
Corporation taxes	\$4,341.97		
Civilian war poll tax.....	1,779.00		
National bank tax.....	30.92		
Total, Refunds	\$6,151.89		\$6,151.89
Total, Payments.....			\$15,576,018.86
Cash at the end of the year.....			\$1,951,166.33
			\$17,527,185.19

STATEMENT OF TEMPORARY REVENUE
LOANS OUTSTANDING.

Notes in Anticipation of Revenue	Date of Issue	Date Due	Discount Rate
\$500,000.00	Sept. 8, 1922	Feb. 7, 1923	.0335
500,000.00	Nov. 7, 1922	Mar. 28, 1923	.0411
500,000.00	Nov. 7, 1922	Apr. 26, 1923	.0411
500,000.00	Nov. 7, 1922	May 29, 1923	.0411
<hr/> \$2,000,000.00			

SUMMARY.

CLASSIFICATION	Revenue for Expenses	Revenue for Other Purposes	Expenses	Outlays and Special Charges
Taxes	\$5,897,526.35		\$293,343.60	\$4,768.34
Licenses and permits	22,614.54		1,008,619.10	12,861.60
Fines and forfeits	21,078.99		484,171.79	227,017.62
Grants and gifts	98,841.24		666,722.44	1,044,421.32
Special assessments		\$54,289.66	378,009.31	861.00
General government	9,084.34		75,729.38	
Protection of life and property	7,323.86		1,520,955.18	766,966.11
Health and sanitation	89,619.91		71,508.33	
Highways and bridges	7,152.19	19,659.61	114,019.80	
Charities	83,476.26		5,817.54	
Soldiers' benefits	9,110.00		356,764.04	
Education	28,652.41		74,780.74	
Libraries	1,476.02		617,446.89	
Recreation	4,104.70		970,000.00	
Unclassified			18,772.00	
Public service enterprises	401,488.71	2,558.28		
Cemeteries	27,317.18	9,935.00		
Interest	58,781.46			
Municipal indebtedness	3,012.52	8,192,944.09		
Sinking funds	65,000.00			5,292,422.76
Agency and trust		893,675.03		887,757.33
Refunds and duplications		379,181.73	6,151.89	379,181.73
Totals	\$6,844,643.87	\$9,552,243.40	\$6,662,812.03	\$8,913,206.83
Revenue for expenses	\$6,844,643.87			
Revenue for other purposes	9,552,243.40			
Total receipts	\$16,396,887.27			\$6,662,812.03
Cash at beginning of the year	1,130,297.92			8,913,206.83
			Total expenditures	\$15,576,018.86
			Cash at the end of the year	1,951,166.33
				\$17,527,185.19

BALANCE SHEET OF THE CITY OF NEW BEDFORD
NOVEMBER 30, 1922.

ASSETS.

Cash in the treasury.....	\$1,951,166.33
Taxes receivable.....	822,486.01
Due from Commonwealth.....	11,958.68
	<hr/>
Current assets.....	\$2,785,611.02
Library and school investments.....	412,523.16
Cemetery savings bank deposits.....	308,180.53
Sinking fund investments.....	2,236,279.07
City property, as scheduled.....	27,728,748.30
	<hr/>
Total assets.....	\$33,471,342.08

LIABILITIES.

Notes payable, temporary loans.....	\$2,000,000.00
Accounts payable.....	250,944.09
Overlay account, tax reserve.....	20,821.69
Balances, deposit accounts.....	26,968.28
Balances, trust fund income accounts.....	13,948.21
Due cemetery perpetual care funds.....	26,734.93
	<hr/>
Current liabilities.....	\$2,339,417.20
Library and school trust funds.....	412,523.16
Cemetery perpetual care funds.....	308,180.53
Bonds outstanding.....	14,403,000.00
	<hr/>
Total liabilities.....	\$17,463,120.89
Balance, public property.....	16,008,221.19
	<hr/>
	\$33,471,342.08

CITY OF NEW BEDFORD,
April 21, 1923.

To the City Council Committee on Finance:

Gentlemen:—The sub-committee on the valuation of city property reports herewith a list of city property and its value. The valuation of real estate has been secured from the Board of Assessors, and the valuation of other property has been secured from the officers in charge of the several departments. The entire valuation is believed by your sub-committee to be a fair valuation of the city property.

JOHN CATTERALL,
ROBERT A. BARTLETT,
PERCY A. WOODLAND,
Committee.

SCHEDULE AND VALUATION OF THE CITY PROPERTY,
JANUARY 1, 1923.

BOARD OF ASSESSORS:

Office fixtures, furniture and furnishings	\$8,579.00	\$8,579.00
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BOARD OF HEALTH:

Furniture and equipment in office and bacteriological laboratory....	8,000.00	
Disinfecting apparatus	75.00	
Dental clinic	6,500.00	
Board of health clinic.....	2,000.00	
Well baby clinics (3).....	300.00	
Furniture, bedding, etc., small pox hospital	200.00	
Ambulance and wagon at small pox hospital	200.00	
Partial equipment of isolation hospital	3,000.00	
Buildings used as small pox hospitals	2,000.00	
Isolation hospital buildings	54,400.00	
Land at isolation hospital.....	44,150.00	
Land at small pox hospital.....	26,950.00	
Small pox hospital	2,300.00	
Hospital emergency equipment (Municipal Bldg.)	5,000.00	
Ambulance	1,000.00	
2 Ford sedans	1,600.00	
Ford coupe	600.00	
Garbage plant, land, bldgs. and machinery	183,000.00	
	<hr/>	\$341,275.00

CEMETERY BOARD:

Oak Grove Cemetery.....	\$71,625.00	
Old Burying Ground, Second St....	10,325.00	
Pine Grove Cemetery.....	41,525.00	
Rural Cemetery	223,813.00	
Tools, machinery, wagons and equipment	3,905.00	
Office fixtures, furniture, etc.....	4,770.00	
	<hr/>	\$355,963.00

CITY AUDITOR:

Office fixtures, furniture, etc.....	\$3,200.00	\$3,200.00
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CITY CLERK:

Office fixtures, furniture, etc.....	\$8,500.00	\$8,500.00
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CITY MESSENGER:

Miscellaneous supplies on hand.....	\$500.00	\$500.00
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CITY ENGINEER:

Office fixtures, furniture, etc.....	\$14,979.14	
Chevrolet Touring Car..	\$840.00	
2 Ford Touring Cars.....	1,069.00	
Studebaker	1,475.00	
	<hr/>	
	3,384.00	
	<hr/>	\$18,363.14

CITY SOLICITOR:		
Office fixtures, furniture, etc.....	\$50.00	
Law library	300.00	
		\$1,150.00
CITY TREASURER:		
Office fixtures, furniture, etc.....	\$7,295.00	\$7,295.00
CLERK OF COMMITTEES:		
Office fixtures, furniture, etc.....	\$2,500.00	\$2,500.00
ELECTIONS:		
Ballot boxes and voting paraphernalia	\$7,000.00	\$7,000.00
FIRE DEPARTMENT:		
No. 1 Engine House and lot.....	\$14,675.00	
No. 2 Engine House and lot.....	138,000.00	
No. 3 Engine House and lot.....	23,300.00	
No. 4 Engine House and lot.....	16,100.00	
No. 5 Engine House and lot.....	32,975.00	
No. 6 Engine House and lot.....	12,795.00	
No. 7 Engine House and lot.....	17,025.00	
No. 8 Engine House and lot.....	25,925.00	
No. 9 Engine House and lot.....	2,500.00	
No. 10 Engine House and lot.....	26,348.00	
No. 11 Engine House and lot.....	18,725.00	
Steam Fire Engine No. 1.....	1,000.00	
Steam Fire Engine No. 4.....	1,000.00	
Steam Fire Engine No. 7.....	1,000.00	
7 Ahrens-Fox Engines	68,950.00	
1 Webb Engine	5,000.00	
1 White Engine	6,000.00	
5 Locomobiles (Chemicals)	25,000.00	
1 Studebaker Truck	500.00	
4 Moon Runabouts	7,840.00	
1 Winton Touring Car.....	4,000.00	
1 White Truck	3,000.00	
4 Electric Aerial Trucks	40,000.00	
Fire Alarm Telegraph and equipment	112,000.00	
Hose and connections	20,650.00	
Sundries and furnishings as per inventories	7,500.00	
		\$631,808.00
FREE PUBLIC LIBRARY:		
Land and buildings.....	\$584,475.00	
Books, pictures, etc.....	220,000.00	
		\$804,475.00
INSPECTOR OF WIRES:		
Office fixtures, furniture, etc.....	\$1,072.00	
Three automobiles	1,500.00	
Police signal system.....	15,000.00	
Cable, wire and material.....	2,600.00	
One automobile	150.00	
		\$20,322.00

INTERCEPTING SEWER:

Belleville Avenue station, building, land and equipment.....	\$41,233.43	
Brock Avenue station, building land and equipment	32,721.86	
Howland Street station, building and equipment	14,086.74	
Screening station, building, land and equipment (West French Ave.)..	128,325.36	
Sewer System	1,085,721.11	
Wharf	7,655.37	
Sewer cleaning outfit.....	2,344.03	
Atlas truck	1,400.00	
Ford truck	603.00	
	<hr/>	\$1,314,090.90

LICENSING BOARD:

Office fixtures, furniture, etc.....	\$1,829.00	\$1,829.00
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MAYOR'S OFFICE:

Office fixtures, furniture, etc.....	\$6,000.00	\$6,000.00
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NEW BEDFORD VOCATIONAL SCHOOL:

Fixtures, machinery, shop material, etc.	\$64,153.89	\$64,153.89
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NEW BEDFORD WATER WORKS:

Acushnet supply	\$400,000.00	
Quittacus supply	1,100,000.00	
Distribution and other items.....	3,630,000.00	
Tools, harnesses, horses and autos.	153,616.77	
Office fixtures, furniture, etc.....	8,000.00	
	<hr/>	\$5,291,616.77

PARK COMMISSION:

Bridge Park	\$27,975.00	
Buttonwood Park	199,150.00	
Brooklawn Park	370,275.00	
Common	96,950.00	
Grove Park	37,050.00	
Hazelwood Park	163,175.00	
Ashley Park	33,875.00	
Triangle Park	1,275.00	
Marine Park	14,850.00	
Office furniture, fixtures, etc.....	1,000.00	
Animals	2,000.00	
Tools and working implements.....	5,000.00	
Swings, seats, bandstands and amusement fixtures	8,000.00	
Victory Park	51,525.00	
	<hr/>	\$1,012,100.00

POLICE DEPARTMENT:

Police station, Blackmer St.....	\$17,200.00	
Central police station and garage..	256,025.00	
Police stable, So. Second St.....	5,950.00	
Police station, Kempton and Cedar Sts.	29,275.00	
Police station, Ashley Blvd. and Weld St.	17,150.00	
Ambulances, wagons, furniture, etc.	30,843.00	
	<hr/>	\$356,443.00

POOR DEPARTMENT:

Almshouse, outbuildings, land, etc..	\$187,025.00	
Furniture, furnishings, live stock and equipment	34,805.30	\$221,830.30

PUBLIC BATHS:

Buildings and land.....	\$80,000.00	
Miscellaneous equipment	2,500.00	\$82,500.00

PUBLIC BUILDINGS, LAND AND OTHER
PROPERTY:

Land, s. s. Tarkiln Hill Road.....	\$58,748.00	
Building, n. s. Willis Street, west of Purchase	3,575.00	
Wardroom, 610 Purchase Street...	1,175.00	
Land, west side of Liberty Street..	25.00	
Veteran Firemen's Bldg., High and Foster Sts.	3,350.00	
Land, Mechanics, Elm, Sixth and Pleasant Sts.	173,050.00	
Municipal Building, William and Pleasant Sts.	666,950.00	
Land, North and Hillman Sts.....	5,050.00	
Land, Hillman Street.....	8,200.00	
Land, Lambeth, Edgewood, Sunder- land Sts.	25.00	
Land, Tarkiln Hill Road.....	2,275.00	
Rifle Range, Dartmouth	13,484.00	
Land, north of High Hill Road....	25.00	
Land, w. s. West French Avenue..	13,350.00	
Furnishings, council chambers and hearing hall	5,312.00	\$954,594.00

REGISTRARS OF VOTERS:

Office fixtures, furniture, etc.....	\$3,000.00	\$3,000.00
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SCHOOL DEPARTMENT:

William H. Taylor, Brock Avenue..	\$116,525.00
G. H. Dunbar, Dartmouth and Dun- bar Sts.	60,950.00
John B. DeValles, Katharine Street	222,425.00
R. C. Ingraham, Blackmer and Second Sts.	112,100.00
I. W. Benjamin, Division Street....	49,175.00
J. B. Congdon, Thompson and Hem- lock Sts.	133,375.00
Thomas Donaghy, Acushnet Ave. and South Street.....	101,975.00
Thompson Street School.....	57,575.00
Dartmouth Street School.....	21,675.00
Acushnet Avenue School.....	63,075.00
E. B. Winslow, Allen Street.....	191,750.00
A. F. Wood, Pleasant and Russell Sts.	45,675.00

T. A. Greene, Purchase and Madison Sts.	90,075.00	
Harrington School, Court and Liberty Sts.	74,825.00	
Hathaway Playgrounds	13,875.00	
S. A. Howland, Kempton and Pleasant Sts.	96,250.00	
Middle Street School.....	46,800.00	
High School, Court and County Sts. School Committee Rooms, William Street	792,150.00	
	12,425.00	
T. R. Rodman, Rockdale Ave. and Summit Street	102,725.00	
Cedar Street School.....	10,125.00	
M. B. White, Maxfield and Pleasant Sts.	31,625.00	
Clarence A. Cook, Summer and Mill Sts.	411,675.00	
H. A. Kempton, Shawmut Avenue..	78,850.00	
Parker Street School.....	111,375.00	
Merrimac Street School.....	22,600.00	
Clark Street School.....	55,450.00	
J. H. Clifford, Ashley Blvd. and Coggeshall St.	103,600.00	
Cedar Grove Street School.....	46,075.00	
H. M. Knowlton, County and Coggeshall Sts.	140,400.00	
Phillips Avenue School.....	61,775.00	
S. D. Ottiwell, Belleville and Hathaway Aves.	208,300.00	
Emery Street School.....	274,850.00	
Abraham Lincoln, Ashley Blvd. and Glennon Street	180,650.00	
Hathaway Road School.....	1,475.00	
Plainville Road School.....	1,450.00	
J. Swift, Lunds Corner.....	112,300.00	
Acushnet Ave., no. of Lunds Corner	2,000.00	
Portable buildings.....	40,000.00	
Continuation Schools	19,000.00	
Mt. Pleasant School.....	618,375.00	
Charles S. Ashley School.....	624,775.00	
Furniture and furnishings.....	322,803.95	
		\$5,884,928.95
SEALER OF WEIGHTS AND MEASURES:		
Standard weights, measures, equipment, office furniture, fixtures, autos, etc.	\$4,000.00	\$4,000.00
STREET DEPARTMENT:		
City yard lot and Hillman Street lot	\$101,725.00	
Autos, crushers, equipment, etc....	177,958.80	
Office equipment	2,500.00	
		\$282,183.80
FORESTY DEPARTMENT:		
Tools and equipment.....	\$3,051.78	\$3,051.78

STREET LIGHTING DEPARTMENT:		
Lamp posts	\$500.00	\$500.00
SUPERINTENDENT OF BUILDINGS:		
Office fixtures, furniture, autos, etc.	\$7,482.13	\$7,482.13
SOLDIERS RELIEF:		
Office fixtures, furniture, etc. (wood)	\$473.00	\$473.00
WHARVES:		
Land, foot of Howland Street.....	\$12,050.00	
Land, foot of Centre Street.....	850.00	
Rotch Wharf	56,000.00	
Land and building, Front and Union Sts.	20,075.00	
	<hr/>	\$88,975.00
BRIDGES:	\$718,865.38	\$718,865.38
STREETS AND HIGHWAYS:	\$4,719,910.00	\$4,719,910.00
SEWERS:	\$4,414,141.00	\$4,414,141.00
MUNICIPAL HOSPITAL SITE:.....	\$85,149.26	\$85,149.26

RECAPITULATION

Board of Assessors.....	\$8,579.00
Board of Health.....	341,275.00
Cemetery Board.....	355,963.60
City Auditor	3,200.00
City Clerk	8,500.00
City Messenger	500.00
City Engineer	18,363.14
City Solicitor	1,150.00
City Treasurer	7,295.00
Clerk of Committees	2,500.00
Elections	7,000.00
Fire Department	631,808.00
Free Public Library	804,475.00
Inspector of Wires.....	20,322.00
Intercepting Sewer	1,314,090.90
Licensing Board	1,829.00
Mayor's Office	6,000.00
New Bedford Vocational School.....	64,153.89
New Bedford Water Works	5,291,616.77
Park Commission	1,012,100.00
Police Department.....	356,443.00
Poor Department	221,830.30
Public Baths	82,500.00
Public Buildings, Land and Other Property..	954,554.00
Registrars of Voters.....	3,000.00
School Department	5,884,928.95
Sealer of Weights and Measures.....	4,000.00
Street Department	282,183.80
Forestry Department.....	3,051.78
Street Lighting Department.....	500.00
Superintendent of Buildings.....	7,482.13
Soldiers Relief	473.00
Wharves	88,975.00
Bridges	718,865.38
Streets and Highways.....	4,719,910.00
Sewers	4,414,141.00
Municipal Hospital Site.....	85,149.26
Total valuation.....	<hr/> \$27,728,748.30

CERTIFICATES.

I certify that I have examined the deposits and securities representing the investments of the sinking funds of the City of New Bedford and the several school and library funds in the custody of the commissioners, trustees and treasurer, and find that the same agreed with the reports for the financial year 1922, rendered by said commissioners, trustees and treasurer, to the City Council.

CHARLES J. MCGURK,
City Auditor.

We certify that we have examined the foregoing report and statements of the City Auditor and believe the same to be correct.

GEORGE S. TABER,
HENRY S. WINSLOW,
ROBERT S. BARTLETT.

Sub-committee of the joint standing committee on finance, appointed to examine the books and accounts of the City Treasurer and City Auditor.

The foregoing report and statements of the City Auditor are approved.

GEO. S. TABER,
GEORGE A. BLAKE,
HENRY BOLTON,
PERCY A. WOODLAND,
JOSEPH JASON,
Committee on Audit.

CITY OF NEW BEDFORD,

IN BOARD OF ALDERMEN,

June 14, 1923.

Received, ordered printed in city documents,
and sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL,

June 14, 1923.

Concurred.

HAROLD WINSLOW,
Clerk.

ANNUAL REPORT
OF THE
CITY TREASURER

FOR THE
Fiscal Year Ending November 30
1922



NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS—PRINTERS
1923.

CITY OF NEW BEDFORD.

IN COMMON COUNCIL,

May 24, 1923.

Received, ordered printed in City Documents and sent
down for concurrence.

HAROLD WINSLOW,
Clerk.

IN BOARD OF ALDERMEN,

May 24, 1923.

Concurred.

RODOLPHUS A. SWAN.
City Clerk.

Office of the City Treasurer,

New Bedford, Mass., December 1, 1922.

To the City Council of the City of New Bedford:

Gentlemen:—Submitted herewith find the annual report of this department for the year ending November 30, 1922 as required by the ordinances.

Respectfully submitted,

C. R. HATHAWAY,

City Treasurer.

TREASURER'S REPORT

STATEMENT OF CASH RECEIPTS AND CASH
PAYMENTS FOR THE FISCAL YEAR 1922.

SUMMARY

Cash receipts from revenue sources	\$13,475,820.41	
Cash receipts from Non-Revenue	2,164,886.55	
Cash receipts from Kempton Fund	10,317.39	
Cash receipts from Perpetual Care Funds	14,555.00	
Cash receipts from all other funds	13,424.84	
Cash receipts from cemetery sale of lots	10,045.00	
Cash receipts from highway and sewer de- posits	73,416.33	
		<hr/>
Total cash receipts		\$15,762,465.52
Cash balance, Dec. 1, 1921		1,130,297.92
		<hr/>
		\$16,892,763.44
Cash payments for revenue purposes	\$12,866,471.12	
Cash Payments for Non-Revenue "	1,960,499.54	
Cash payments for Kempton Fund	10,874.02	
Cash payments for Perpetual Care Funds	14,555.00	
Cash payments for all other funds	12,188.86	
Cash payments for cemetery sale of lots	9,765.62	
Cash payments for Highway and Sewer deposits	67,242.95	
		<hr/>
Total cash payments		\$14,941,597.11
Cash balance, Dec. 1, 1922		1,951,166.33
		<hr/>
		\$16,892,763.44

We have examined the foregoing and believe the same to be correct.

GEO. S. TABER
ROBERT A. BARTLETT
H. S. WINSLOW

Sub-committee of the Joint Standing Committee
on Finance, appointed to examine the books
and accounts of the City Treasurer and City
Auditor.

ANNUAL REPORT
OF THE
COLLECTOR OF TAXES

New Bedford, Mass.,

December 1, 1922.

To the City Council of the City of New Bedford :

Gentlemen: — In compliance with the ordinance requiring that the annual report of the Collector of Taxes shall be made to the City Council annually in January, I submit herewith statement of all collections made during the fiscal year ending November 30, 1922, together with a statement of Taxes remaining unpaid.

Respectfully submitted,

C. R. HATHAWAY,

Collector of Taxes.

STATEMENT OF TAX COLLECTIONS

DR.

	1922	1921	1920	1919 & Prior
Uncollected balances, December 1, 1921.....		\$ 689,602.50	\$ 130,712.91	\$ 5,594.08
Assessors' warrants in detail, 1922.				
State tax.....	\$522,848.26			
County Tax.....	208,966.50			
City Tax, Department Appropriations.....	3,406,736.85			
City Tax, Debt Appropriations.....	1,653,277.76			
Overlay.....	43,264.29			
Non-Resident Bank Tax.....	35,850.90			
Additional Warrants and Re-Assessments.....	3,918.54	1,529.88	72.46	69.50

Total Debits \$ 5,874,863.10 \$ 691,132.38 \$ 130,785.37 \$ 5,663.58

CR.

Collections:—Real Estate.....	\$ 2,833,940.85	\$ 430,418.59	\$ 65,841.31	\$ 323.72
Personal Estate.....	2,219,364.68	102,140.67	2,962.76	287.54
Polls.....	100,286.00	42,970.00	125.00	6.00
Resident Bank Tax.....	29,291.10			
Non-Resident Bank Tax.....	35,850.90			
Abatements:—Real Estate.....	3,178.12	1,517.29	238.00	6.80
Personal Estate.....	17,217.05	4,911.42	73.44	2,139.04
Polls.....	9,667.00	5,630.00	560.00	340.00
Excise.....				2,819.28

Total Credits..... \$ 5,248,795.70 \$ 587,587.97 \$ 69,800.51 \$ 5,922.38

Balances uncollected, December 1, 1922..... \$ 626,067.40 \$103,544.41 60,984.86 258.80

Excess of Collections over Warrants, Dec. 1, 1922

Percentages collected from dates of assessment to December 1, 1922 .8934 .9813 .9883

New Bedford, Mass.,

December 1, 1922.

To the City Council of the City of New Bedford:

The trustees of bequests, gifts and trust funds of the City of New Bedford herewith submit the following as their Fifteenth Annual Report:—

REPORT

The principal of the Kempton Fund, the gift of Sarah E. Potter, is \$250,000.00.

Under the provisions of the City Ordinances approved by the Mayor, February 26, 1914 and March 12, 1914, the Trustees of the Kempton Fund are also charged with the management and control of the investment of the following funds, viz.:

TRUST FUNDS

Sylvia Ann Howland, Educational and Library Fund	\$100,000.00
George O. Crocker, Library Fund.....	10,000.00
Charles L. Wood Library Fund.....	2,000.00
Oliver Crocker, Library Fund.....	1,000.00
George Howland, Jr. Library Fund.....	1,600.00
Charles W. Morgan, Library Fund.....	1,000.00
James B. Congdon, Library Fund.....	500.00
Jonathan Bourne, School Fund.....	1,000.00
	<hr/>
	\$117,100.00

The gross amount of income which has been received by the Trustees is \$16,105.31 and this amount has been paid to the City Treasurer, as provided in the several Trusts and the City Ordinances.

FREDERIC TABER,
 ABBOTT P. SMITH,
 THOMAS S. HATHAWAY,
 Trustees.

The Kempton Fund, the Gift of Sarah E. Potter

	Par Value	Rate	1922 Income
C. B. & Q. R. R.	\$ 50,000.00	4	\$ 2,000.00
Boston & Maine.....	20,000.00	4	800.00
Kansas City.....	19,000.00	4½	855.00
Boston Elevated	40,000.00	4½	1,800.00
N. Y., N. H. & H. R. R.....	5,000.00	4	200.00
N. Y., N. H. & H. R. R.....	20,000.00	4	800.00
Providence & Worcester Ry. Co....	18,000.00	4	720.00
Delaware & Hudson Co.....	5,000.00	4	200.00
Atchinson, Topeka & Santa Fe.....	5,000.00	4	200.00
N. B., Inst. Savings, Deposits	1,773.13	5	88.66
U. S., Liberty, 2nd. Conv....	79,000.00		3,357.50
	<hr/> \$262,773.13		<hr/> \$11,021.16

Sylvia Ann Howland, Educational and Library Fund

City of New Bedford.	25,000.00	4	1,000.00
City of New Bedford.....	1,000.00	4	40.00
N. B. Inst. Savings, Deposits	1,014.45	5	50.70
U. S. Liberty 4th	50,000.00	4½	2,125.00
U. S. Liberty 2nd Conv.	25,000.00	4½	1,062.50
	<hr/> \$102,014.45		<hr/> \$4,278.20

George O. Crocker, Library Fund

U. S. Liberty 2nd, Conv.....	10,000.00	4½	425.00
N. B. Inst. Savings, Deposits.....	520.00	5	26.00
	<hr/> \$10,520.00		<hr/> \$451.00

TRUST FUNDS

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Oliver Crocker, Library Fund

			1922
	Par Value	Rate	Income
N. B., Inst. Savings, Deposits	\$1,000.00	5	\$50.00

Charles L. Wood, Library Fund

N. B., Inst. Savings, Deposits	\$2,000.00	5	\$100.00
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George Howland, Jr., Library Fund

N. B., Inst. Savings, Deposits	\$1,600.00	5	\$80.00
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Charles W. Morgan, Library Fund

N. B., Inst. Savings, Deposits	\$1,000.00	5	\$50.00
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James B. Congdon, Library Fund

N. B., Inst. Savings, Deposits	\$500.00	5	\$25.00
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Jonathan Bourne, School Fund

N. B., Inst. Savings, Deposits	\$1,000.00	5	\$50.00
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New Bedford, Mass.,
December 1, 1922.

To the City Council of the City of New Bedford :
As Treasurer of the Charles S. Paisler Educational Fund I submit herewith the following Fifth Annual Report :—

REPORT

The principal of the Charles S. Paisler Educational Fund is \$30,115.58 which amount is deposited in the New Bedford Safe Deposit and Trust Company at 4%. The income is to be divided as per provisions of the Will and acceptance of Trust as follows, viz:—

One third to Mary V. King for life and two thirds to the City of New Bedford, Charles S. Paisler Educational Fund.

Received, interest for year ending		
November 30, 1922	\$ 1,204.68	
Paid, One Third to Mary V. King....	\$ 401.52	
Two Thirds to City of New Bedford, Charles S. Paisler Educational Fund.....	803.16	
	<hr/>	\$ 1,204.68

Respectfully submitted,

C. R. HATHAWAY,
City Treasurer.

Report of the Treasurer of the Sinking Funds

City of New Bedford, Mass.

December 1, 1922.

*To the Commissioners of the Sinking Funds of the
City of New Bedford.*

Gentlemen:—Herewith find a statement of my accounts as Treasurer of the Sinking Funds for the year 1922, together with a list of securities in the fund.

DR.

Par value of Sinking Fund investments, close 1921,	\$2,168,719.42
City of New Bedford, from Taxation,	18,772.00
“ “ Water Revenue,	25,450.00
Interest Account,	88,337.65
	<hr/>
	\$2,301,729.07

* CR.

Par value of Investments, close of 1922,	\$2,236,279.07
Sinking Fund No. 41, Matured March 1, 1922	65,000.00
	<hr/>
	\$2,301,279.07

INVESTMENT OF NEW BEDFORD SINKING FUNDS, 1922.

1922	Dec.	1	Haverhill,	4	5,000.00	
	Dec.	1	New Bedford,	4	2,000.00	
	Dec.	15	U. S. Cert. of Ind.	4½	15,000.00	
					<hr/>	\$22,000.00
1923	Jan.	1	Chicago,	4	\$2,000.00	
	Feb.	1	New Bedford,	3½	3,000.00	
	Apr.	1	Lynn,	4	4,000.00	
	Apr.	1	Saginaw,	4	10,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	1	Quincy,	4	1,000.00	
	May	15	Newport,	4	16,000.00	
	July	1	Lewiston,	4	1,000.00	
	July	1	Lawrence,	4	4,000.00	
	Sept.	1	Commonwealth of Mass.	3	5,000.00	
	Oct.	1	Saginaw,	4	10,000.00	
	Oct.	1	Falmouth,	3½	1,000.00	
	Oct.	1	Lakewood,	4½	4,000.00	
	Nov.	1	Commonwealth of Mass.	3½	3,000.00	
	Dec.	1	Boyer Valley,	3½	55,000.00	
	Dec.	15	Brockton,	4	1,000.00	
	Dec.	1	New Bedford,	4	2,000.00	
	Notes		Tucker, Anthony	6	15,000.00	
	on Call		Sanford & Kelley	6	15,000.00	
					<hr/>	\$154,000.00
1924	Jan.	1	Bridgeport,	4	\$6,000.00	
	Jan.	1	Chicago,	4	3,000.00	
	Jan.	1	Kansas City,	4	34,000.00	
	Feb.	1	Cambridge,	4	4,000.00	
	Feb.	1	Old Colony R. R.,	4	6,000.00	
	Mar.	1	Indianapolis,	4	5,000.00	
	Apr.	1	Brockton,	4	7,000.00	
	Apr.	1	New Bedford,	4	4,000.00	
	Apr.	1	New Bedford,	5½	5,000.00	
	Apr.	1	Woonsocket,	4	3,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	1	New Bedford,	5½	10,000.00	
	May	1	New Bedford,	4½	3,000.00	
	May	2	Malden,	4	5,000.00	
	June	1	Minn. & Iowa R. R.	3½	5,000.00	

SINKING FUNDS

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	June	1	Citizens Elec. R. R.	7	1,000.00	
	June	30	Indianapolis,	4	5,000.00	
	July	1	Mil., L. S. & Western	6	3,000.00	
	July	1	New Britain,	4	9,000.00	
	July	1	Lawrence,	4	1,000.00	
	July	1	New Bedford,	4	1,000.00	
	July	1	Lawrence,	4	1,000.00	
	Aug.	1	Cambridge,	4	32,000.00	
		1	West End St. Ry.	7	36,000.00	
	Sept.	15	Larain,	5	3,000.00	
			U. S. Gold Notes,	5½	10,000.00	
	Oct.	1	Youngstown,	6	5000.00	
	Oct.	1	Falmouth,	3½	1,000.00	
	Dec.	15	New Bedford,	4	22,000.00	
		1	Columbus,	5	4,000.00	
					<hr/>	\$236,000.00
1925	Apr.	1	Minneapolis	4	\$20,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	1	Kennebec,	3½	10,000.00	
	May	2	Malden,	4	20,000.00	
	July	1	New Bedford,	4	5,000.00	
	July	1	New Bedford,	3½	24,000.00	
	July	1	Milwaukee,	5	15,000.00	
	Aug.	1	Troy,	4	10,000.00	
	Oct.	1	Falmouth,	3½	1,000.00	
	Oct.	1	Chelsea,	4	5,000.00	
	Oct.	1	Lansing,	5	5,000.00	
					<hr/>	\$117,000.00
1926	Mar.	1	Peoria & N. W.	3½	\$5,000.00	
	Apr.	1	Minneapolis,	4	20,000.00	
	Apr.	1	New Bedford,	4	1,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	July	1	Attleboro,	4	18,000.00	
	July	1	Milwaukee,	5	15,000.00	
	Aug.	15	Chicago & N. W.	4	10,000.00	
	Sept.	1	Los Angeles,	5¾	4,000.00	
	Sept.	1	Boston & Maine	4	25,000.00	
	Oct.	1	Falmouth	3½	1,000.00	
					<hr/>	\$101,000.00
1927	Jan.	1	New Bedford,	4	\$9,000.00	
	Jan.	1	Waltham,	4	2,000.00	
	Feb.	1	West End St. Ry.	6¼	34,000.00	
	Mar.	1	Fitchburg R. R.,	4	5,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	1	C., B., & Q. R. R.,	4	5,000.00	
	June	1	Taunton,	4	1,000.00	
	July	1	Somerville	3½	2,000.00	
	Oct.	1	Falmouth	3½	1,000.00	
	Dec.	1	County of Essex	4	1,000.00	
					<hr/>	\$62,000.00
1928	Feb.	1	New Bedford,	3½	\$5,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	1	Portland & Ogdensburg	4½	5,000.00	
					<hr/>	\$12,000.00

SINKING FUNDS

1929	Jan.	1	Westerly,	4	\$2,000.00	
	Feb.	1	Mil. L. S. & West.	5	30,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	July	1	Amer. Tel. & Tel. Co.	4	25,000.00	
	Oct.	1	Chicago & N. W.	5	18,000.00	
	Oct.	1	Chicago & N. W.	6	3,000.00	
	Oct.	1	St. Louis,	4	10,000.00	
					<hr/>	\$90,000.00
1930	Jan.	1	Commonwealth of Mass.	3	\$50,000.00	
	Jan.	1	State of Mass.	3	4,000.00	
	Jan.	31	Natick,	3 $\frac{1}{2}$	5,000.00	
	Mar.	1	Brockton,	3 $\frac{1}{2}$	10,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	July	1	West End St. Ry.	4 $\frac{1}{2}$	10,000.00	
	Dec.	1	Taunton,	3 $\frac{1}{2}$	8,000.00	
					<hr/>	\$89,000.00
1931	Apr.	1	New Bedford,	4	\$2,000.00	
	July	1	New Bedford,	4	2,000.00	
	Nov.	1	Commonwealth of Mass.	3	25,000.00	
					<hr/>	\$29,000.00
1932	Mar.	1	New Bedford,	3 $\frac{1}{2}$	\$3,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	Aug.	1	West End St. Ry.	4	49,000.00	
					<hr/>	\$54,000.00
1933	Apr.	1	Fall River,	3 $\frac{1}{2}$	\$3,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	1	Boston & Albany R.R.,	4	5,000.00	
	May	1	Woonsocket,	4	5,000.00	
	Oct.	15	U. S. Liberty,	4 $\frac{1}{4}$	395,000.00	
					<hr/>	\$110,000.00
1934	Apr.	1	New Bedford,	4	\$2,000.00	
	Aug.	1	Augusta,	4	40,000.00	
	Aug.	1	Willimantic,	4	1,000.00	
					<hr/>	\$43,000.00
1935	Mar.	1	Westerly,	3 $\frac{1}{2}$	\$8,000.00	
	Apr.	1	No. Maine Seaport	5	35,000.00	
	Apr.	1	Lynn	3 $\frac{1}{2}$	5,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	1	Boston Elevated	4	25,000.00	
	July	1	So. Norwalk,	4	3,000.00	
	Sept.	1	So. Norwalk,	4	5,000.00	
					<hr/>	\$83,000.00
1936	Apr.	1	New Bedford,	4	\$2,000.00	
	May	1	Saginaw,	5	15,000.00	
					<hr/>	\$17,000.00
1937	Apr.	1	New Bedford,	4	\$1,000.00	
	May	1	Quincy,	4	2,000.00	
	July	1	San Francisco,	4 $\frac{1}{2}$	25,000.00	
					<hr/>	\$28,000.00
1938	July	1	Kalamazoo, Al. & G. R.	5	\$4,000.00	
	Dec.	1	Stamford	4	5,000.00	
					<hr/>	\$9,000.00

SINKING FUNDS

15

1940	July	1	Erie & Pittsburg R.R.,	3½	\$50,000.00	
						\$50,000.00
1912	May	1	Quincy,	3½	\$1,000.00	
	Nov.	1	U.S. Liberty Loan 1917	4½	\$4,000.00	
						\$85,000.00
1943	Jan.	1	Bangor & Aroostook	5	\$29,000.00	
						\$29,000.00
1914	Jan.	1	Boston & Maine	4½	\$5,000.00	
	Mar.	1	St. Johnsbury & L.C.	5	11,000.00	
						16,000.00
1945	July	1	New England R.R.	4	\$13,000.00	
						\$13,000.00
1946	July	1	Boston Terminal,	4	\$20,000.00	
						\$20,000.00
1947	June	15	U. S. Liberty Loan,	4½	\$25,000.00	
						\$25,000.00
1949	July	1	C., B. & Q.,	3½	\$36,000.00	
	July	1	C., B. & Q.	4	39,000.00	
						\$75,000.00
1950	Dec.	1	Detroit,	5	10,000.00	
						\$10,000.00
1951	July	1	N. E. Power,	5	32,000.00	
	Aug.	1	Ill. Central,	3	\$25,000.00	
	Sept.	1	Mich. Central,	3½	12,000.00	
						\$69,000.00
1952	May	1	Mich. Central,	3½	\$30,000.00	
	Jun.	1	N. E. Tel. & Tel.	5	15,000.00	
						\$45,000.00
1953	July	1	Ill. Central,	3½	\$22,000.00	
						\$22,000.00
1954	Jan.	1	Washington Co. R.R.,	3½	\$16,000.00	
	April	1	N. Y., N. H. & H.	3½	11,000.00	
	May	1	N. Y., N. H., & H.	4	35,000.00	
	May	1	Naugatuck R.R.,	4	4,000.00	
						\$66,000.00
1955	July	1	N. Y., N. H. & H. R.R.,	4	\$53,000.00	
						\$53,000.00
1956	May	1	N. Y., N. H. & H. R.R.,	4	\$25,000.00	
						\$25,000.00
1957	Jan.	1	New Bedford,	4	\$5,000.00	
						\$5,000.00
1958	Mar.	1	C., B. & Q. R.R.,	4	\$10,000.00	
						\$10,000.00
Total,						\$2,174,000.00
Savings Bank Deposits,						12,449.47
Cash on Deposit,						49,829.60
Securities at par, close of 1922,						\$2,236,279.07

Respectfully submitted,

C. R. HATHAWAY,

Treasurer.

STATEMENT OF CONDITION OF THE VARIOUS SINKING FUNDS.

No.	Fund	Payable	Total
49	\$100,000 High School Bonds,	July 1, 1925,	\$91,998.48
50	21,000 School Bonds,	July 1, 1925,	20,986.15
51	62,000 Sewer Bonds,	July 1, 1935,	47,894.25
18	100,000 Park Bonds,	Apr. 1, 1942,	55,362.46
23	120,000 Water Bonds,	April 1, 1924,	120,000.00
24	1,200,000 Water Bonds,	Dec. 15, 1924,	
		April 1, 1926,	
		Jan. 1, 1927,	1,173,275.50
25	58,000 Sewer Bonds,	April 1, 1925,	58,000.00
55	20,000 Engine House Bonds,	May 1, 1927,	16,964.05
29	69,000 Sewer Bonds,	Mar. 1, 1927,	63,558.18
30	52,000 Wharf Bonds,	May 1, 1927,	52,000.00
31	35,000 Sewer Bonds,	Feb. 1, 1928,	31,745.06
36	33,000 Sewer Bonds,	Feb. 1, 1929,	28,861.79
38	48,000 Water Bonds,	June 1, 1930,	46,599.40
40	30,000 Sewer Bonds,	Mar. 1, 1932,	22,456.24
43	120,000 School Bonds,	Feb. 1, 1923,	120,000.00
47	50,000 School Bonds,	Dec. 1, 1923,	50,000.00
48	30,000 Sewer Bonds,	Dec. 1, 1933,	21,792.44
39	28,000 Park Bonds,	July 1, 1951,	10,123.94
54	72,000 Park. Bridge Approach,	Jan. 1, 1957,	18,430.39
53	777,000 Bridge Bonds,	Jan. 1, 1957,	173,343.69
61	14,000 School Bonds.	Dec. 1, 1930,	12,887.05
			<hr/> \$2,236,279.07

DIVISION OF SINKING FUNDS.

Municipal Loans.....	\$ 495,145.21
Water Loans.....	1,339,874.90
Park Loans.....	65,486.40
Wharf Loans.....	52,000.00
High School Loans.....	91,998.48
Bridge Loans.....	173,343.69
Park, Bridge Approach Loan.....	18,430.39
Total	<hr/> \$2,236,279.07

REPORT OF THE Commissioners of the Sinking Funds

City of New Bedford,
December 1, 1922.

To the City Council of the City of New Bedford, Mass.

Gentlemen:—At a meeting of the Commissioners of the Sinking Funds of the City of New Bedford, held at this date, it was

Voted:—To adopt the foregoing statement of the Treasurer of the Sinking Funds as the report of the Commissioners of the Sinking Funds of the City of New Bedford, required by the Statutes of the Commonwealth of Massachusetts to be made annually to the City Council

BENJ. A. TRIPP,
H. C. ROBINSON,
CHAS S. KELLEY, JR.,
Commissioners of the Sinking Funds.

Thirtieth Annual Report

OF THE

ENGINEERING DEPARTMENT

CITY OF NEW BEDFORD

BY THE

CITY ENGINEER

For the Year 1922.



NEW BEDFORD, MASS.
A. E. COFFIN PRESS, PRINTERS,
1923

NEW BEDFORD

December 1, 1922.

Set off from Dartmouth.....	1787
Incorporated as a city.....	1847
Length of city.....	10.78 miles
Breadth of city (maximum).....	3.10 “
Area—Land....	12,206 acres
Ponds....	200 “
Land and ponds. .	12,406 acres - 19.39 sq. miles
Tidal waters.....	8,467 “
	<hr/>
	20,873 “ - 32.614 “ “
Length of frontage on tidal waters....	10.13 “
Depth of main channel.....	25 ft. at low water
Average rise and fall of tide.....	3½ ft.
Population:—Assessors' Estimate	130,955
Assessed valuation	\$200,964,491
Assessed valuation per capita.....	\$1,534.60
Accepted streets (Dec. 31, 1922).....	203.08 miles
Bridges (3).....	0.796 miles in New Bedford
Sewers	161.66 miles
Length of Intercepting Sewer:	
Outfall	0.026 miles
Interceptor	7.66 “
10 parks and 1 public playground, area....	228.11 acres
38 school buildings; Area of grounds.....	52.11 acres
	(Includes 2 unused)

ENGINEER'S REPORT

City of New Bedford,
Engineering Department,
January 1, 1923.

To the City Council of the City of New Bedford:

Gentlemen:- In compliance with section 56 of the city ordinances, defining the duties of the City Engineer, I respectfully submit the following report of the expenses and operations of the Engineering Department for the year ending November 30, 1922.

EXPENDITURES

Salaries and payrolls	\$37,857.96	
Boundstones	53.00	
Telephone	32.95	
Local Transportation	5,643.22	
Drawing supplies	242.95	
Blueprint materials	380.10	
Printing, stationery, advertising, etc.	446.54	
Sundry supplies	159.55	
Office furniture and repairs	269.69	
Platting system expenses	167.41	
General instruments for office and field	525.63	
Traveling expenses, express, postage, etc.....	309.64	
Printing annual report	68.00	
Public statutes and reference books	73.06	
Meteorological instruments	44.84	
Plans and photographs—Pleasant Street widening	60.15	
Labor not in payroll	89.45	
		\$46,424.14

RECEIPTS

Appropriation, regular	\$46,000.00	
Transfer to balance	424.14	
		\$46,424.14

EXPENDITURES

Gross	\$46,424.14
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RECEIPTS

Credit from sale of blueprints, material and.. maps	\$144.00	
Net expenditures	\$46,280.14	
		\$46,424.14

Fiscal Year 1922.

Net expenditures	\$36,094.14
Flushing sewers for Street Dept. credited by service transfer	700.53
Painting automobile for Engineering Dept. credited by service transfer	35.25
Gross Expenditures	<u>\$36,829.92</u>

The duties and organization of this department were very fully set forth in the annual report for 1921 to which reference can be made for this information.

The following total gives a fairly accurate proportioning of the cost of work done for the various departments of the city based on the time expended.

The administration costs, transportation, and bills for materials cannot be accurately apportioned but will follow fairly closely the ratio of labor costs as given in the table.

CLASSIFICATION OF WORK.

		Per cent.
Engineering Department	\$14,975.69*	46.20
Intercepting Sewer	1,751.42	
Harbor Construction	762.46	18.26
Street Department, Sewer Construction	873.83	
Street Department, Street Construction.....	6,036.98	8.63
Assessors	3,265.81	
City Government and Committees	5,437.52	14.36
Inspector of Buildings	1,859.05	4.91
Water Works	1,205.20	3.18
Public Service Corporations	83.42	.22
Park Department	114.25	.30
School Department	132.55	.35
Cemetery Department	371.44	.98
Inspector of Wires	409.02	1.08
Police Department	159.32	.42
Fire Department	55.29	.15
Health Department	56.38	.15
Superintendent of Buildings	131.83	.35
City Clerk	115.09	.30
City Solicitor	23.17	.06
Forestry Department	38.24	.10
	<hr/>	
	\$37,857.96	

*Includes administration, \$3,905.12

STREETS.

For several years it has been the practice of this office to make a careful study of our street plan for recommendations to the Board of Aldermen in order that as much as possible of the money available for street construction might be devoted to the building of a consistent system of continuous through streets. By following a carefully arranged

building plan, New Bedford now has a system of main streets so complete that one can travel to any section of the city on first class street surfaces.

This condition was very favorably commented upon by many delegates from other cities who attended the various conventions held here last summer.

There has, however, been much building of residential property during the last two years, necessitating the constant opening of streets for the laying of sewer, water, and gas connections. On such streets work has been postponed until building operations were fairly complete. Now, however, with these buildings occupied and most of the street disturbances completed, there is a call for considerable work to be done in surfacing these streets. Also many of the residential streets in the older part of the city are badly worn and must soon be rebuilt.

In the construction of our primary streets we have laid either Warrenite Bitulithic or stone block pavements. Of this type of streets there are still some uncompleted projects to be finished and a few entirely new sections that should be built. Among these I would mention the completion of East French Avenue, Mount Pleasant street from Durfee to Sawyer, North street from Cottage to Kempton, Rockdale avenue from Brock avenue to Dartmouth street, and First street between Brock avenue and Cove street.

For the building of secondary streets we have usually made use of penetration macadam, laid from curb to curb without paved gutters. In my opinion there will be a demand for the laying of a large quantity of this material during the coming year.

One of the most difficult problems that we face in street construction is the stone block pavement on concrete base which is slightly worn. This produces slight depressions in which mud and water stand, which is splashed onto pedestrians and buildings by the pneumatic tires of passing automobiles.

We have remedied long sections of this pavement at a considerable expense by topping it with Warren's Asbestophalt, which has given much satisfaction and is apparently wearing well.

Unfortunately, however, the most of this unsatisfactory pavement is on streets where there are car tracks and where the grade is very flat so that any raising of the pavement will result in forming ponds in the street. The only way in which this condition can be remedied may be the removal of the pavement and replacement with some form of asphaltic surface.

During the year the Union street pavement has been extended to Rockdale avenue, and the surface of Rockdale avenue put in first class condition to Kempton street. If North street is paved this year, these two lines of travel to the center of the city from the west should relieve all congestion of travel brought by the wide Fall River road by distribution over four narrower streets.

Union street has been widened to 60 feet from County street to Eighth street this year and hearings have been ordered for its widening between Eighth street and Sixth street. Orchard street has been opened from Arnold street to Union street, and I think that the Union street widening should now be extended to Orchard street, and that Orchard street should be accepted and opened from Allen to Bedford streets.

This would provide an entirely new and direct route for the Dartmouth street traffic to reach the center, thereby relieving Pleasant and Sixth streets to a considerable extent, as well as providing a much more desirable route.

This year Rockdale avenue was widened 40 feet on the west side from Kempton to Hillman streets, making it 80 feet in width in continuation of the wide section south of Kempton street.

This constitutes the first step in the opening of the Northwest boulevard which will complete the boulevard system around the city linking up all the parks.

The next section to be considered will naturally be that from Hillman to Rodgers streets, which is the most expensive part of the whole project on account of the number of buildings involved. From that point northerly the street lies almost entirely in unimproved land and should be acquired at a very reasonable figure.

Another street widening of much importance has been brought up by the declaration of the Pleasant Street Trust of its intention to erect a new and expensive building on the west side of Pleasant street between Market and Union streets. The question of widening this street was first brought up two years ago when it was thought the First National bank intended to build at the corner of Union street. The matter was not acted on, however, when it was stated that the bank did not propose to build at once.

If the street is to be widened it should, of course, be done before more expense is created by the erection of new and expensive buildings. The cost of this project, however, is so great in comparison to the benefits derived that it is a question if the widening should be undertaken at all.

A hearing has been held to test public sentiment as to the necessity of this widening and an extensive report is on file from a special committee appointed to consider this matter. At the present time no action has been taken to widen the street.

TRAFFIC.

In common with all the cities of the country, New Bedford has a serious problem in controlling traffic on its streets. Each city must solve this problem for itself as each is governed by different circumstances. We have attempted to handle our problem in the following manner:

During the summer, marks were painted on the surface of the streets for the guidance and regulation of traffic. For the benefit of strangers, city and town names with arrows of a color conforming to the state highway markings were used.

For the local traffic white lines were used in the middle of blind and unusual crossings and at busy corners. The location of these lines was carefully studied and experiments made with a long wheel base car to provide a safe turning with a maximum convenience to the users. These markings were a great help and we received much commendation and but little criticism of their design. This was particularly true in the case of out-of-town motorists. In order for these markings to be effective, however, they should be as few and as simple as possible, no other signs should be allowed on the street surfaces, and the police should see that no autoist is allowed to disregard them in the slightest degree, for if the lines are marked and not rigidly followed they create a menace to the safety of the public.

PLANNING.

An attempt was made by the City Government this year to create a planning board, but the order failed of passage. This is a very important matter and I believe that a planning board should be established. In the past few years, or since any systematic planning of the streets has been attempted the most of this work has devolved upon the Engineer.

From his familiarity with the subject and the equipment of the office, with its facilities for making necessary investigations and surveys, I think the Engineer should be closely connected with any planning projects. The subject is so large and so important, however, that I do not think it should be entrusted to any one man. A board of, say, five members would develop differing points of view and would lead to discussions which would develop important points that might otherwise be overlooked.

The Board of Survey has given careful consideration to all cut-up plans presented and has upon its own initiative approved the locations of 31.14 miles of streets in the section adjacent to Acushnet avenue between the Phillips road and the Braley road.

In all the Board has approved four plans received on petition, one plan of its own proposal, and amended three plans.

During the year 171,613 feet or 32.51 miles of street locations have been approved, making 327,901 feet or 62.10 miles of streets approved since the creation of the Board.

SEWERS.

The most of the sewer work this year has been for the construction of lateral sewers as petitioned for. The trunk sewer in Brock avenue, Bliss and Bolton streets has been nearly completed, thus relieving a very bad situation in the southwest section of the city.

An intercepting sewer 2122 feet long has been laid in River road from Howard avenue to the Tarklin Hill road along the west bank of the Acushnet river. This will forestall a nuisance that would surely have been created at this location in the near future. A new pumping station is now being erected at Howard avenue to lift the sewage from this sewer into the Belleville avenue sewer.

The substructure is being constructed by the Street Department and the plans for the superstructure have been prepared by this office from those of the Brock avenue Station and the contract for the building will be let later, to be constructed by the City Property Committee under the Superintendent of Buildings. The contract for the pumps and motors has been let to Starkweather & Broadhurst and the apparatus will be ready for delivery in the spring.

There is a large territory north of Tarklin Hill road that is building up rapidly and we are now receiving petitions for sewers from the owners of this property. Before these petitions can be granted several trunk sewers will need to be built through unoccupied land. As this is too large a building program for any one year, work should be started at once on some of these sewers and the systems gradually built, the construction to be extended over a period of years.

The following is a list of the present employees of this office :

Assistant engineers :

Leonard J. Hathaway, Jr.
Ira M. Chace, Jr.

Field force :

Milton Ashley
Robert S. Baylies
Elmer L. Deane
Milton H. Dean
Wilfred T. Fahey
Fred H. Hewitt
James S. McQuade
Edward F. Mulally
Raymond L. Viereck

Office force :

Norman Barstow
Percy Batchelder
Paul G. Covill
Benjamin F. Howe
Edward M. Slocum

Clerks :

Jessie Loughlin
Catharine C. Sylvia

Respectfully submitted,

GEORGE H. NYE,

City Engineer.

ACCEPTED STREETS — 1922.

Street	LOCATION	Date	Length and Width in Feet				
			22	40	45	48	50
Bedford	Waverly to Page	Aug. 31, 1922.		614.7			132.
Bliss	Brock Ave. to Bolton	May 26, 1922.					
Brightman	Sylvia to Wood	Dec. 18, 1922.			286.73		
Brook	Shaw to Irvington	Jan. 27, 1922.					489.06
Carroll	Rockdale Ave. to Whittier	Sept. 29, 1922.					486.68
Chatham	Dawson to Tarkiln Hill Rd.	Aug. 31, 1922.					353.61
Commonwealth	Kempton to Fairmont	Sept. 29, 1922.					1,161.95
Dutton	Heywood to Wildwood	Jan. 27, 1922.					543.86
Francis	Court to Kempton	June 9, 1922.		988.82			
Harwich	Felton to Somerset	Aug. 31, 1922.					1,236.78
Kenmore	Acush. Ave. to Pine Grove Cem.	Mar. 24, 1922.			576.58		
Langlois	Acush. Ave., easterly	Apr. 28, 1922.		255.19			352.57
Lloyd	Acush. Ave. to City Line	Apr. 14, 1922.					
Orleans	Hersom to Tarkiln Hill Rd.	Aug. 31, 1922.					976.96
Osborn	Bolton to City Line	Aug. 30, 1922.					625.62
Park Drive	Acush. Ave. to Ashley Boul.	Mar. 10, 1922.	2,566.52			5.29	
Pearl	259.01 ft. e. Acush. Ave. e. 5.29	June 23, 1922.					
Rochambeau	Brooklawn Ave. to Park Ave.	Jan. 26, 1922.					841.88
Somerset	Wood to Hersom	Jan. 13, 1922.		211.87			
Somerset	Hersom to Tarkiln Hill Rd.	Aug. 31, 1922.					946.61
Stetson	Bedford to Morelands Ter.	Nov. 25, 1922.					508.13
Tisbury	Dawson to Tarkiln Hill Rd.	Aug. 31, 1922.					339.83
Vernon	Wood to Hersom	Jan. 27, 1922.		234.15			
Victoria	Ashley Boul. to Church	Mar. 10, 1922.					1,813.39
Total			2,566.52	2,304.73	863.31	5.29	10,808.93

STREETS DISCONTINUED.

Howland Ter.	139.74 s. Cherry s. 86.57	June 8, 1922.		Width 37 ft.	86.57
Total		Total			86.57

Total increase for year 16,462.21 ft. — 3.118 miles

WIDENING AND ALTERATION OF LINES — 1922.

Street	Location	Date	Description
Pearl Rockdale Ave. Spring Union Union	Acush. Ave. to R.R. property	June 23, 1922.	Widened 8 ft. on S. S.
	Kempton to Hillman	June 23, 1922.	Widened 40 ft. on W. S.
	Acush. Ave. to Pleasant	May 14, 1922.	Widened 10 ft. on S. S.
	Seventh to Eighth	Dec. 29, 1922.	Widened 14 ft. on S. S.
	Eighth to County	June 26, 1922.	Widened 14 ft. on S. S.

CHANGE OF GRADE

Street	Location	Date
Duncan	Acush. Ave. to Kearsarge	April 28, 1922.

NAMES OF STREETS CHANGED ..

New Name	Location	Old Name	Date
Potter	Shawmut Ave. to Rockdale	Grand	Mar. 24, 1922.

NAMES ADOPTED

Name	Location	Date
Walter Goulart Square Taylor Square	Intersection of Rivet and Bolton	Sept. 14, 1922.
	Intersection of Princeton and Acush. Ave.	Nov. 22, 1922.

RECORD OF TIDES, 1922.

Month	HIGH TIDE			LOW TIDE			RANGE
	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	— .306	+3.3	—2.3	—3.960	—2.7	—5.7	3.654
February	— .209	+1.4	—1.4	—4.129	—2.7	—5.6	3.920
March	— .175	+1.5	—1.3	—4.119	—2.8	—5.4	3.944
April	— .161	+2.0	—1.7	—3.935	—3.0	—4.7	3.774
May	— .138	+1.5	—2.0	—3.659	—2.8	—4.9	3.521
June	+ .190	+1.4	—1.0	—3.855	—3.0	—4.8	4.045
July	+ .110	+1.1	—1.1	—3.842	—3.0	—4.8	3.952
August	+ .231	+1.5	—1.1	—3.755	—2.8	—4.6	3.986
September	+ .273	+1.9	—0.8	—3.789	—2.9	—4.8	4.062
October	+ .171	+1.7	—1.0	—3.738	—2.9	—5.8	3.909
November	+ .067	+1.8	—1.2	—3.856	—2.5	—5.1	3.923
December	— .164	+1.3	—1.4	—4.064	—2.9	—5.1	3.900
Average for year	— .092			—3.891			3.882
Extreme for year		+3.3	—2.3		—2.5	—5.8	

All figures above refer to so called "Mean High Water" which is used at 0.85 feet below City Datum.

Observations for the past 26 years indicate that :

Average high water is .8116 below City Datum.

Average low water is 4.3998 below City Datum.

Average range of tide is 3.5893.

METEOROLOGICAL RECORD 1922.

From Observations by Engineering Department.

[illegible]

IN BOARD OF ALDERMAN,

February 8, 1923.

Received, ordered printed in City Documents and sent
down for concurrence.

RODULPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

February 8, 1923.

Concurred.

HAROLD WINSLOW,

Clerk.

RAINFALL IN NEW BEDFORD ~ 1922.

ACUSHNET STORING STATION OF N.B. WATER WORKS--A TOTAL FOR YEAR 46.25
L. J. HATHAWAY, JR. AT CLIFFORD POST OFFICE-----H-----51.04

ENGINEERING DEPARTMENT AT CENTER OF CITY---E TOTAL FOR YEAR 37.09
QUITTACUS PUMPING STATION AT QUITTACUS POND Q -----50.76

DAY	JANUARY				FEBRUARY				MARCH				APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER				DAY																														
	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q																																			
1			.01			.70				.50		.90	.02	.24	1.30												.04																				1																																
2			.02		.02	.75	.20	.70	.77	.51	.14		.64														.37	.13	.70	.05																		2																															
3			.01		.03																										.80		.73															3																															
4				.10	.02					.30	.76						.59	2.36	.95	1.33	.03		.31	.21	.21	.11	.11	.35	.07			.80	.13	.60	.19													14	4																														
5						.22				.18	.08	.78	.78				.91	.47	2.05	1.57			.04	.05	.05	.99	1.13	.25	.97													.10	.27	.26	.10			5																															
6						.26	.05		.31								.01								.22	.27	.28	.28	.04					.35	.20	.24	.35				.26	.25	.28	.27				6																															
7						.05	.09		.08	.39	.54	.63	.81		.16	.17		.02	.05		.02								.23		.38				.40	.34		.63	.02	.06		.04	.06	.21		.21			7																														
8		.01		.02										.15		.17												.78	1.45	.26	.50					.63	.17	.80	.18	.24	.10	.19	.14	.02	.08	.34	.10			8																													
9						.16			.15					.10																																			9																														
10						.07		.20		.19	.27	.28				.12	.13												.06	.34	.26	.31					1.62	1.24	.38	.98									10																														
11	1.55	1.75	.70	1.67		.06	.15	.05		.06	.18	.08	.41	.28	.33	.33	.32								.06	.18	.29	.29				.16			.02		.01		.06	.19	.33	1.08	.32					.05	.86		.13			11																									
12						.07	.10		.16																							.36	.43	.36	.25	.77	.67	.73	.60	.01		.24					.03	.14					12																										
13																																															.02						13																										
14		.01		.03												.68																													.10	.13					.30	.43		.08			14																						
15						.52	1.10	1.15	.02					.57	.07	.70	.69													.05	.05	.06						.13	.04	.12	.06	.25	.26	.22	.20	.13	.30	.73	.09				15																										
16						.26	.18	.85	1.24																.01																	.03	.03		.01	.01								16																									
17			.04											.14	.24	.23	.26		.10	.15	.15								.74	.44	.44																					17																											
18		.01		.04										.73	1.15	.99	.99	.54	1.73	2.64	2.64			.15		.24						.35	.50	.24														.02						18																									
19	.01	.08		.03		.03		.03		.30				.04	.14		.12		.12	.08	.08	1.13	.85	.52	.52	.03		.15		.61	.45	.40	1.24																					19																									
20	.02									.54	1.00	1.28	1.37		.10																																.19	.30	.25	.26			.05		.03				20																				
21		.23	.36	.22						.35																.70	1.03	1.00	1.00																				.03	.03		.09			.09					21																			
22						.03		.13																						.10		.03																				.70						22																					
23						.01																										.03	.93	.29	3.12	9.45	2.36													.67	.80					.05		.05		.05			.27	.33		.34				23									
24																																																											24																				
25																	.17	.16	.17	.17	.55	.02	.27	.27	.57																																								25														
26						.57											.05																																																						26								
27						.15	.45	.58		.44	.48																																																										27										
28		.11				.56				.36	.01	.50																																																										28									
29	.12			.10	.04					.65	.70																																																												29								
30										.21	1.38		1.04																																																									30									
31																																																																															31
TOTAL	1.70	2.24	1.30	2.12	2.61	3.63	3.50	3.52	3.74	6.30	3.53	6.45	1.20	2.01	2.95	1.96	2.88	4.51	4.39	4.31	3.46	5.71	6.24	6.24	3.28	5.56	4.57	4.03	3.71	10.59	9.65	11.27	1.92	1.23	1.77	1.94	3.77	3.65	3.62	3.32	1.02	1.25	.94	1.13	2.00	3.76	3.79	3.47	TOTAL																														

CITY OF NEW BEDFORD DETAILS OF SEWERS CONSTRUCTED 1922 - COMPILED BY ENGINEERING DEPT.

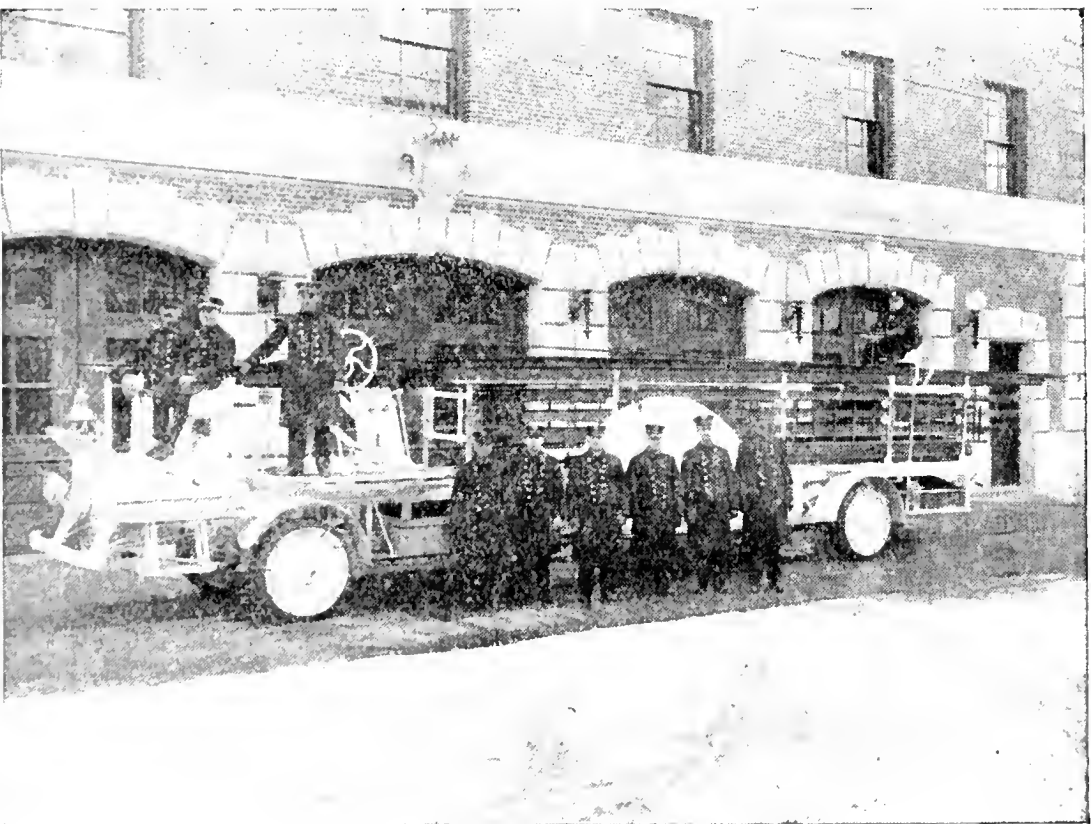
STREET	LOCATION	SIZE AND MATERIAL										Total Length	Greatest Cut	Average Cut	Cubic Yards	Total Cuyda Excavation	CHARACTER OF EXCAVATION	Manholes	COST OF LABOR	COST OF MATERIAL	TOTAL COST OF SEWER	DATE ORDERED	REMARKS		
		8 INCH	10 INCH	12 INCH	15 INCH	18 INCH	22 INCH	24 INCH	30 INCH	36 INCH	48 INCH														
COMBINED SYSTEM																									
BEDFORD	Ash to Waverly			186								186	6.63	6.45		133.3	Boulders, gravel	1	417.54	224	211.36	628.90	3.35	6-23-1922	Part in 1921
BIRCH	Fern to Brock Ave.											580	11.94	7.80		502.3	Gravel	1	2035.77	351	550.37	2586.14	4.46	2-24-1922	
BYRON	Allent south of Ryan		580									1863	696.95	430		186.3	Gravel		696.95	430	203.19	900.14	5.55	9-29-1922	
CARROLL	Rockdale Ave. west				162							358	3.66	2.80	834	357.7	Boulders, gravel	1	759.29	1.97	27.967	1038.96	2.69	2-24-1922	
COGGESHALL	Mt. Pleasant west		28									265	2.65	1.30	855	251.7	Gravel	1	637.10	240	244.90	882.00	3.33	6-9-1922	
DE WOLF	Durfee north											233	2.33	9.38	782	202.4	Sand, gravel	1	714.82	3.07	20.495	919.77	3.55	6-9-1922	
FAIRMOUNT	Rockdale Ave. west		265									245	2.45	10.10	817	768.8	Fill, clay	3	4724.18	543	4197.18	8921.36	10.26	7-8-1922	
FRANCIS	Court north		142					481				374	3.74	7.85	728	301.7	Sand, gravel	1	783.26	2.09	237.84	1021.12	2.73	6-9-1922	
GAYWOOD	Brownell Ave. to Dartmouth Line											352	3.52	7.14	535	123.6	Gravel	1	1443.77	4.11	290.99	1736.76	4.93	7-8-1922	
HADLEY	Kearsarge west											220	2.20	10.07	759	185.5	Gravel	1	126.31		42.183	578.14		10-28-1921	Part in 1921
HIGHLAND-COGGESHALL	Topham to east of Highland											105	1.05	14.96	1416	192.7	Gravel	1	492.96	224	322.90	815.86	3.71	6-23-1922	
MAPLE	Orchard west											343	3.43	9.42	865	343.1	Ledge, fill, gravel	3	672.89	640	253.84	926.73	8.82	9-29-1922	Lowered
MECHANICS L.A.	Pleasant west						105					507	5.07	9.42	865	343.1	Ledge, fill, gravel	3	323.762	401	165.178	4889.40	6.06	2-24-1922	
MYRTLE-GARFIELD	Fillmore to Summer						200					456	4.56	9.67	842	426.6	Gravel	1	1020.64	224	391.30	1411.94	3.09	6-9-1922	
ORCHARD	Arnold north											349	3.49	9.50	854	331.1	Gravel	1	1188.04	340	205.48	1393.52	3.99	6-9-1922	
REED	Allen north											550	5.50	9.55	909	648.0	Clay, gravel	2	3215.36	584	1033.09	4248.45	7.72	9-15-1922	
RYAN	Palmer to Rockdale Ave.					204	344					306	3.06	7.76	684	232.5	Clay, gravel	2	656.20	2.14	303.26	959.46	3.14	5-12-1922	
SHAWMUT AVE.	Topham north											1112	11.12	10.69	524	770.9	Sand, gravel	4	3161.41	284	1608.42	4769.83	4.29	4-28-1922	
SWIFT	Orchard to Hemlock											432	4.32	11.09	533	391.8	Back fill	1	1103.84	2.58	872.42	1976.26	4.57	4-28-1922	
UNION	Newton to Tremont																								
Combined System Totals		2894	1358	390	877	2225						7744			71.2	6930.0		26	2711.997		13484.77	40604.74			
SEPARATE SYSTEM																									
INTERCEPTING SEWER																									
BELLEVILLE AV.	Pumphouse southerly											144	1.44	10.17	898	191.5	Fill		1181.29		1216.20	2397.49		7-8-1922	Unfinished
SURFACE DRAINS ALONE																									
BEL' AIR	Acushnet Av. west		416									416	54	359		410.8	Gravel	2	401.57	.97	352.77	754.34	1.81	1-27-1922	Unfinished Not started
EDNA-PARK DR.	Wood to Felton		664									664	872	609		449.3	Gravel	1	447.01		2126	468.27		11-24-1922	
LANDRY	Wood to Park Drive																		60.03		21.70	81.73		11-24-1922	
STEPHEN-MATTHEW THOMPSON	Rockdale Av. to west of Stackhouse Bonney to Bolton						741	1209				1209	866	772		1580.2	Fill, gravel	4	252.973	2.09	246.452	499.125	4.12	2-24-1922	
SEWERS AND SURFACE DRAINS												741	673	633		521.1	Boulders, gravel	3	902.40	1.22	153.228	2434.68	3.29	4-28-1922	
ACUSHNET AV.	Westland to Kenmore	S.D.			1459		1459					1459	1025	987		1967.0	Gravel	4	4734.40	325	871.930	13453.70	9.22	6-9-1922	Unfinished
ACUSHNET AV.	Kenmore north	S.D.			125		125					125	1035	1022		166.6	Gravel		714.67	571	270.26	984.93	7.88	9-15-1922	
ALFRED	Wood St. sewer south	S.D.		38								38	10.11	536		39.5	Gravel		156.22	4.11	30.12	186.34	4.90	7-13-1922	
BAYVIEW	W. Fr. Ave. to Clarks Cove	S.D.		56			143					143	854	530		93.7	Clay, gravel	1	431.32	302	340.73	772.05	3.40	4-7-1922	
BEDFORD-JOHN	Reed to Farm	S.D.		550						819		550	1149	889		808.9	Fill, gravel	3	588.832	7.19	235.919	824.751	10.07	4-28-1922	
BREWSTER	Belleville Ave. west	S.D.	344	327								683	920	756	50	573.7	Clay, gravel	2	3070.48	450	143.562	4506.10	6.60	12-23-1921	
BROCK AV. BOLTON	Rockdale Av. to S. of Osborn	S.D.					272	1075	192		243	1533	1277	1012	56.6	2307.3	Clay, boulders	5	16485.50		9303.40	25788.90		6-9-1922	
DARLING	Ball east	S.D.	261									261	1295	771		223.5	Sand, gravel	1	616.17	236	350.18	966.35	3.70	2-24-1922	
HARWICH	Plympton west	S.D.	376									376	1009	938	27.0	407.7	Sand, boulders	1	3028.65	791	221.589	5244.54	13.69	12-23-1921	
HERSON	W. of Wald to Ashley Boulevard	S.D.					784	285			285	1069	1012	896		1241.6	Clay, gravel	5	3439.63	322	351.651	6956.14	6.51	2-24-1922	
LANGLOIS	Sylvia to E. of Acushnet Av.	S.D.	390									390	959	832	19.5	382.2	Gravel	2	1559.63	400	639.90	2199.53	5.64	5-12-1922	
LLOYD	Acushnet Ave. east	S.D.	184	206								253	1025	815		229.1	Sand, gravel	1	514.38	203	274.41	788.79	3.12	5-12-1922	
MALDEN-SHAWMUT	Harvard to Shawmut Av. and S. 265	S.D.	305	406								711	406	956	70	553.0	Gravel	2	1512.71	213	745.49	2258.20	3.18	7-8-1922	
MAYWOOD-IRVINGTON	Church to Carlisle	S.D.		526	406		214				214	1323	1046	769		1130.4	Gravel	5	6141.28	464	2367.36	8508.64	6.43	4-28-1922	
MILFORD	From S. of Brooklawn Av. N. 351	S.D.	351	351			350	233				351	50	857		334.2	Clay, sand	1	772.00	220	485.01	1257.01	3.58	2-24-1922	
NORWELL	Bolton to Dartmouth Line	S.D.																	12.00			12.00		9-15-1922	Not started
OSBORN	Bolton to Dartmouth Line	S.D.																	1121.41		108.11	1229.52		9-15-1922	Unfinished
PORTLAND	W. Fr. Ave. to Clarks Cove	S.D.		60			128					60	833	570		81.0	Clay, gravel	1	582.25	435	360.26	942.51	7.37	4-7-1922	
ROCHAMBEAU	Carlisle to S. of Brooklawn Av.	S.D.	680	715								680	946	895		711.0	Sand, gravel	2	1171.76		1170.25	2342.01		11-26-1921	Part in 1921
ROY	Wood St. sewer south	S.D.		38								38	883	869		36.7	Gravel		134.62	354	38.41	1730.3	4.55	7-13-1922	
RIVER RD.	Tarkiln Hill Rd. to Howard Av. (interceptor)	S.D.		184	216	615	743	516			738	1569	1443					8	1431.134		5444.75	19956.09		9-15-1922	Unfinished
SEYMOUR	W. Fr. Ave. to Clarks Cove	S.D.		63			121					63	70	533		71.6	Gravel	1	738.33	610	467.23	1205.56	9.96	4-7-1922	
TARKILN HILL RD.	River Rd. to Acushnet Ave.	S.D.	247	71								318	1033	736		600.0	Gravel	3	2338.71	3.19	259.106	4929.77	6.72	3-2-1922	
WOOD	Belleville Ave. to Acushnet River	S.D.	623	260	318	156					901	623	1241	825		937.0	Ledge, gravel	3	6447.85	716	4626.93	11074.78	12.29	2-24-1922	
Separate System totals		4267	7118	3918	4795	3014	1075	3149	243	144	27723				154.3	16048.6		61	81642.66		53469.10	135111.76			
GRAND TOTALS		7161	8476	4308	5672	5239	1075	3149	243	144	35467				225.7	22978.6		87	108762.63		66953.87	175716.50			

Total Length 35.467 feet - 6.72 miles.

Net Length added to sewer system 35,210 feet - 6.67 miles.

Total Length sewer system 101.66 miles. Total Cost sewer system \$4,346,862.00

ANNUAL REPORT
OF THE
CHIEF ENGINEER
OF THE
FIRE DEPARTMENT



FOR THE YEAR ENDING DEC. 31, 1922

EDWARD F. DAHILL, Chief Engineer

**COMMITTEE OF THE CITY COUNCIL
ON
FIRE DEPARTMENT.**

ALDERMEN,
OSCAR D. KELLEHER,
NAPOLEON RICARD,

COUNCILMEN,
EDWARD F. DELANEY,
BERNARD C. McCABE,
SAMUEL HIGGINBOTTOM,

BOARD OF ENGINEERS.

CHIEF ENGINEER,
EDWARD F. DAHILL,
Office, Station No. 2,

FIRST ASSISTANT ENGINEER,
JAMES J. DONAGHY,
Headquarters, Station No. 2.

SECOND ASSISTANT ENGINEER,
JOHN W. DONAGHY,
Headquarters, Station No. 10,

THIRD ASSISTANT ENGINEER,
FREDERICK E. RICKETSON,
Headquarters, Station No. 2

FOURTH ASSISTANT ENGINEER
JOHN J. MAHON,
Headquarters, Station No. 4,

ASSISTANT ENGINEER
FRANK R. PEASE,
on sick leave.

CLERK,
FRANCIS T. MACEDO,

CHIEF INSPECTOR
CAPT. FREDERICK G. GIFFORD,

CHAUFFEURS,
FRANCIS J. KENNEDY
JOHN HUBBARD

CAPTAINS IN CHARGE OF STATIONS.

REPAIR SHOP, STATION NO. ONE,
JAMES H. DOWNEY, Master Mechanic,
Appointed December 31, 1919.

HEADQUARTERS, STATION NUMBER TWO
ROBERT E. ALLEN, Telephone Operator,
Appointed June 9, 1918.

STATION NUMBER TWO,
JAMES L. HASKINS,
Appointed April 24, 1893.

STATION NUMBER THREE,
JAMES H. MAHONEY,
Appointed December 31, 1914.

STATION NUMBER FOUR,
HARRY H. KIMBALL,
Appointed February 2 1920.

STATION NUMBER FIVE,
THOMAS H. FORBES,
Appointed April 1, 1897.

STATION NUMBER SIX,
FRANK A. LEWIS,
Appointed January 7, 1917.

STATION NUMBER SEVEN,
EDWARD H. COGGESHALL,
Appointed April 26, 1910.

STATION NUMBER EIGHT,
JAMES DORAN,
Appointed November 28, 1917.

STATION NUMBER NINE,
REUBEN TABER,
Appointed November 25, 1917.

STATION NUMBER TEN,
AMBROSE F. MERCHANT,
Appointed November 25, 1917.

STATION NUMBER ELEVEN,
WILLIAM S. GATENBY,
Appointed November 26, 1922.

FRANK A. C. GREENE,
on sick leave.

ASSISTANT SUPERINTENDENT FIRE ALARM.

CAPT. ROBERT E. ALLEN,

Appointed March 26, 1913.

FIRE ALARM AND TELEPHONE OPERATORS,

LIEUT. JAMES T. WING,

Appointed December 31, 1914,

LIEUT. WILLIAM D. FLAGG,

Appointed December 31, 1919.

SHIRLEY B. ALLEN,

Appointed November 21, 1921.

MILTON A. BAYLIES,

Appointed Nov. 21, 1921.

ELMER H. JAMES

Appointed March 12, 1922.

DEPARTMENT MECHANICS,

GEORGE H. BAYLIES,

Appointed March 13, 1910.

PHILIP J. PREVOST,

Appointed December 31, 1919.

BATTERY MAN,

RAIMUND F. O'BRIEN

Appointed December 3, 1920.

DEPARTMENT LINEMAN,

THOMAS J. McCANN,

Appointed June 21, 1922.

PENSION ROLL.

- ✓ CHARLES W. ALLEN, driver of Hose No. 3, joined the department April 25, 1892, placed on pension roll August 16, 1917.
- ✓ EDWARD F. A. COWEN, hoseman Engine Co. No. 1, joined the department October 31, 1882, placed on pension roll October 20, 1917.
- ✓ N. HERBERT GREENE, hoseman Engine Co. No. 4, joined the department October 31, 1882, placed on pension roll October 20, 1917.
- ✓ JOHN H. BACKUS, department mechanic, joined the department June 9, 1894, placed on pension roll October 19, 1919.
- ✓ DAVID A. COBB, seriously injured May 27, 1915.
- ✓ WILLIAM H. YOUNG, hoseman Hose Co. No. 5, joined the department Dec. 31, 1888 placed on pension roll Dec. 18, 1922.
- ✓ GEORGE H. COOK, captain of Hose Co. No. 2, joined the department March 5, 1884, placed on pension roll Jan. 1, 1923.

REPORT

HEADQUARTERS FIRE DEPARTMENT,
OFFICE OF CHIEF ENGINEER.

December 31, 1922.

To the Honorable the City Council:

Gentlemen:—I have the honor to submit herewith my nineteenth annual report, covering the operations of this department for the year 1922.

The department answered 825 alarms for fire of which number 37 were false and 19 for fires outside the city, Acushnet 9, Dartmouth 8 and Freetown 2.

A Fire Prevention Bureau has been created, 4553 inspections having been made by its members and many hazardous conditions remedied.

A Drill tower is being erected and a Drill School will soon be established.

The fire alarm system is in excellent condition. 17 new fire alarm boxes have been ordered for school houses and will be installed as soon as received.

APPARATUS IN COMMISSION.

- 8 Motor pumping engines.
- 4 Electric aerial trucks.
- 4 Combination Chemical and hose carriers.
- 5 Automobiles for Chief and Assistants.
- 1 Automobile for Fire Prevention Bureau.
- 1 Supply truck for repair force.
- 1 Supply truck for fire alarm branch.

APPARATUS IN RESERVE.

- 1 Motor combination pumping engine.
- 1 Motor combination and hose carrier.
- 3 Steam fire engines equipped with short towing poles.

MANUAL FORCE

Consists of 221 permanent men.

DEATHS

John Wooley, hoseman, Hose Co. No. 4; died July 26, 1922; joined the department March 10, 1908.

FATALITIES

Mary Freitas, seven months old infant daughter of Manuel and Isabella Freitas was sleeping in cradle in bed room, burned to death before parents discovered the fire. Sept. 22, 1922.

RECOMMENDATIONS.

I respectfully renew the recommendations made by me last year for the purchase of at least one City Service Truck and securing sites for two new fire stations in the north part of the city, also the extension of the building used as a repair shop.

2000' of hose should be purchased.

Respectfully submitted,

EDWARD F. DAHILL,

Chief of Department.

FINANCIAL STATEMENT.

 Dr.

Appropriations	\$479,372.60	
Receipts	1,314.38	\$480,686.98
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Cr.

Salaries and payrolls	\$423,337.52	
Supplies and furnishings	5,431.40	
Apparatus repairs	3,807.35	
Station repairs	4,158.09	
Fire alarm	9,398.55	
Telephones	836.38	
Fuel	9,580.64	
Light	2,933.92	
Hose and couplings	1,409.10	
Truck charging	525.07	
New apparatus	14,372.60	
Freight, carting and express	177.41	
Hospital fees	10.00	
Medical services	237.50	
Committee expenses	300.00	
Miscellaneous	343.90	
Transfer	3,827.55	\$480,686.98
	<hr/>	

FIRE DEPARTMENT

9

REPORT OF ALARMS, LOSSES AND INSURANCE FOR THE YEAR 1922.

---Alarms---		----- Damage-----		-----Insurance-----		
Month	Box	Still	Buildings	Contents	Buildings	Contents
January	32	63	\$43,455.23	\$21,943.77	\$205,200.00	\$ 79,300.00
February	20	25	6,923.55	24,344.00	109,400.00	8,832,500.00
March	22	50	3,367.14	1,494.75	122,200.00	70,700.00
April	17	73	2,574.00	4,582.00	91,600.00	22,300.00
May	40	76	6,362.61	22,611.50	95,450.00	718,800.00
June	11	29	1,330.00	260.00	90,500.00	9,700.00
July	22	35	879.90	695.00	103,800.00	31,800.00
August	23	24	2,725.00	1,111.00	114,500.00	8,800.00
September	16	26	5,087.65	2,772.00	100,900.00	22,800.00
October	17	51	2,206.53	808.00	91,950.00	11,400.00
November	29	35	12,148.00	18,240.00	518,550.00	2,208,200.00
December	34	54	48,823.40	87,932.05	279,000.00	5,743,875.00
	284	541	\$135,882.81	\$186,794.08	\$1,913,050.00	\$17,761,175.00

Above contents insurance reported includes blanket policies covering buildings and contents to the amount of \$12,927,975.00

Total reported loss..... \$ 322,676.89

Total reported insurance..... 19,674,225.00

NO SIGNAL FIRES.

Number of fires reported,..... 16

Damage to buildings, \$ 73.25

Damage to contents, 8,153.41

Total reported damage, \$8,226.66

Insurance on buildings, \$4,825.86

Insurance on contents 4,000.00

Total insurance reported, \$8,825.86

CAUSE FOR FIRES AND ALARMS.

Acetylene torch	2
Back draft	8
Back-fire	5
Bonfire	3
Boy and match	9
Burning brush	84
Burning carpet on the floor of auto	1
Burning clothes	2
Burning cotton	1
Burning dump	30
Burning embers	1
Burning food	3
Burning grass	39
Burning grease	14
Burning insulation	2
Burning leaves	6
Burning rubbish	36
Burning soot	65
Burning woods	2
Candle accident	2
Careless use of candle	3
Carelessness with gas	8
Careless Smoker	22
Child and Match	17
Cigarette	18
Coal from brooder	1
Defective chimney	9
Defective furnace pipe	2
Defective oil stove	1
Defective plumber's furnace	2
Defective wiring	4
Disconnected stove pipe	1
Drying cement	1
Drying plaster	2
Electricity	6
Electric flat iron	2
Exposure fires	1
False alarms	37
Faulty Generator	1
Fireworks	7
Flying embers	4
Foreign substance in cotton.....	3
Foreign substance in picker	1
Foreign substance in hemp	1
Fumigating	1
Gasoline accident	6
Gasoline carelessness	4
Gasoline explosion	1
Gas stove accident	2
Heating asphalt	2
Heating pipes with torch	1
Hot ashes	10
Hot ashes in wooden receptacle	10
Hot asphalt boiling over	1

Hot stove ignited feather duster	1
Incendiary	3
Lamp accident	7
Lightning	1
Locomotive sparks	5
Match carelessness	18
Needless alarm	1
No fire found	15
Oil stove accident	4
Oven collapsed	1
Overheated chimney	6
Overheated furnace	4
Overheated gas stove	1
Overheated muffler	1
Overheated stove	6
Overheated stove pipe	6
Overheated transmission case	1
Petroleum used to start fire	1
Rats and matches	1
Remaining sparks	3
Rope on boiler.....	1
Running with emergency brake set.....	1
Short circuit	17
Smoldering wood	1
Spark on awning	1
Spark from chimney	25
Sparks from fireplace	1
Spark in oakum	2
Sparks on roof	1
Spark from road roller	2
Sprinkler trouble	18
Spontaneous combustion	14
Steam pipe ignited covering	1
Steam pipe ignited dust	1
Steam mistaken for smoke	2
Still accident	1
Stove polish exploded	1
Stove upset	1
Tar boiled over	3
Thawing water pipe	2
Unknown	56
Unusual smoke	14
Wood too near furnace	1
Out of city: Acushnet	9
Dartmouth	8
Freetown	2

FIRE DEPARTMENT

ENGINE COMPANY No. 1.

Date of Joining Dept.	No. of badge	Name	Rank
April 24, 1893	10	James L. Haskins	Captain
Dec. 15, 1912	8	Michael J. Melia	Lieutenant
Aug. 3, 1903	15	George H. Denham	Chauffeur
Nov. 25, 1917	6	Ernest Lord	"
Dec. 15, 1912	7	George T. Davis	Hoseman
Sept. 2, 1917	13	Thomas F. McCauley	"
Dec. 1, 1917	14	Joseph Francis	"
Jan. 1, 1923	12	James F. Cairns	"
May 2, 1918	11	Alfred J. Normandin	"
June 30, 1918	16	William F. Mannion	"
Dec 1, 1917	9	Stephen F. Miller	"
Feb. 2, 1920	4	Joseph A. McAvoy	"
May 1, 1921	5	Arthur W. Raymond	"
May 1, 1921	3	Hugh J. Kennedy	"

ENGINE COMPANY No. 2.

Date of Joining Dept.	No. of badge	Name	Rank
Nov. 1, 1910	21	John H. McDonald	Captain
Oct. 14, 1915	22	Percy Shepherd	Lieutenant
Mar. 10, 1884	23	Benj. C. Groves	Chauffeur
Nov. 25, 1917	25	Ephraim L. Studley	"
Dec. 7, 1917	29	William P. Robert	Hoseman
June 2, 1918	24	Edmund Roberts, Jr.	"
July 9, 1920	30	Walter E. Cobb	"
Feb. 2, 1920	17	George F. Gleason	"
Nov. 27, 1917	26	John K. Dwyer	"
Feb. 2, 1920	20	Daniel J. Tarpey	"
Nov. 23, 1920	27	Joseph Robinson	"
May 1, 1921	19	William Clarkson	"
May 1, 1921	28	Herbert H. Stone	"
May 1, 1921	18	Charles J. McKenna	"

ENGINE COMPANY No. 3.

Date of Joining Dept.	No. of badge	Name	Rank
May 1, 1896	31	James H. Mahoney	Captain
Nov. 21, 1913	32	Charles J. Calnan	Lieutenant
April 28, 1892	33	William R. Moore	Chauffeur
Nov. 25, 1917	34	Douglas E. Gay	"
July 11, 1904	37	Frank R. Riley	Hoseman
May 12, 1909	38	Thomas F. Breakell	"
Feb. 2, 1920	40	Benoni T. Sweet	"
Feb. 2, 1920	39	Louis E. Blossom	"
Jan. 1, 1895	36	Edward C. Neagus, Jr	"
Feb. 11, 1908	35	John Sylvia	"
Feb. 2, 1920	41	George H. Spooner	"
Sept. 24, 1922	42	Albert Schoene	"

ENGINE COMPANY No. 4.

Date of Joining Dept.	No. of badge	Name	Rank
April 11, 1905	44	Harry H. Kimball	Captain
Dec. 30, 1895	51	John E. Joseph	Lieutenant
Nov. 25, 1917	59	Manuel M. Alves, Jr.	Chauffeur
Feb. 2, 1920	56	Clarence W. Hathaway	"
May 28, 1894	45	Louis A. Viereck	Hoseman
Oct. 19, 1908	57	Edward F. Wood	"
Feb. 2, 1920	47	Philias J. Chartier	"
Oct. 7, 1913	43	Joseph E. Freitas	"
Aug. 13, 1922	46	Joseph A. Walker	"
Dec. 9, 1917	55	Thomas McCue	"
Sept. 7, 1917	54	Frank E. Souza	"
Dec. 7, 1917	48	John F. Sylvia	"
Feb. 2, 1920	49	James V. Brennan	"
Sept. 8, 1920	52	John J. O'Brien	"

ENGINE COMPANY No. 6.

Date of Joining Dept.	No of badge	Name	Rank
Nov. 14, 1894	138	Frank A. Lewis	Captain
May. 1, 1911	131	John E. McDonald	Lieutenant
Oct. 26, 1903	136	Frank H. Vincent	Chauffeur
Sept. 11, 1906	134	Henry L. Burding	"
Jan. 1, 1895	124	George H. Whelan	Hoseman
Oct. 19, 1908	132	John McQuilken, Jr.	"
Nov. 1, 1910	123	Thomas Wooley, Jr.	"
Aug. 1, 1917	125	Daniel O'Neil	"
Feb. 2, 1920	126	Anthony V. Gracia	"
Feb. 2, 1920	128	Joseph Campos	"
Feb. 2, 1920	129	Lawrence F. Cocking	"
Feb. 2, 1920	127	Philip Kilbride	"

ENGINE COMPANY No. 7.

Date of Joining Dept.	No. of badge	Name	Rank
Sept. 1, 1890	205	Edward H. Coggeshall	Captain
Dec. 1, 1917	215	John C. Wing	Lieutenant
Mar. 12, 1891	212	Joseph L. Crowley	Chauffeur
Jan. 27, 1918	211	William J. Martin	"
Jan. 12, 1892	201	George W. Haskins	Hoseman
Dec. 13, 1898	202	John H. Galligan	"
Apr. 19, 1922	195	John A. Spaulding	"
Feb. 2, 1920	198	Michael F. Sullivan	"
Mar. 1, 1901	199	Henry Leeming	"
Sept. 1, 1890	200	William H. H. S. King	"
Feb. 2, 1920	204	Joseph P. Foley	"
Feb. 2, 1920	207	Henry F. Pykosz	"

FIRE DEPARTMENT

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ENGINE COMPANY No. 9.

Date of Joining Dept	No. of badge	Name	Rank
Dec. 13, 1888	146	Reuben Taber	Captain
Sept. 6, 1917	148	Joseph Rumney	Lieutenant
June 1, 1907	150	Horace A. Bird	Chauffeur
Sept. 30, 1917	157	Manuel C. Claudino	"
Dec. 6, 1886	145	John F. Parker	Hoseman
Nov. 25, 1917	149	Walter H. Hawes	"
Dec. 13, 1917	159	William A. Nelson	"
Feb. 2, 1920	153	Albert L. Audette	"
Feb. 2, 1920	152	Louis J. R. Comeau	"
Feb. 2, 1920	155	Arthur J. Gallant	"
Feb. 2, 1920	151	Gilbert Green	"
Feb. 2, 1920	154	John Murphy	"

ENGINE COMPANY NO. 10.

Date of Joining Dept.	No. of badge	Name	Rank
Mar. 1, 1901	240	Ambrose F. Merchant	Captain
Oct. 19, 1908	242	William F. McDonald	Lieutenant
Dec. 2, 1917	246	Alexander Strack	Chauffeur
Nov. 25, 1917	250	Albert P. Bochman	"
Dec. 18, 1894	245	John T. Conway	Hoseman
Nov. 23, 1913	249	Thomas J. Summers	"
July 17, 1918	243	William H. Green	"
Nov. 27, 1917	248	Henry Hesford, Jr.	"
Feb. 2, 1920	241	James W. Coyne	"
Feb. 2, 1920	244	Thomas A. Bond	"
Feb. 2, 1920	251	Edgar J. Ross	"
Feb. 2, 1920	252	Albert J. Abrain	"
Feb. 2, 1920	254	George D. Daudelin	"
Feb. 2, 1920	247	Arthur E. Dudevoir	"

HOSE COMPANY No. 1.

Date of Joining Dept.	No. of badge	Name	Rank
Mar. 10, 1908	85	Miles L. Fay	Acting Captain
May 19, 1916	83	Albert Wooley	Lieutenant
Nov. 30, 1919	80	Peter J. Cournoyer	Chauffeur
Feb. 2, 1920	86	Louis A. Cotnoir	"
Dec. 1, 1917	79	Thomas R. F. Wholley	Hoseman
Nov. 25, 1917	81	Manuel G. Marshall, Jr.	"
Feb. 2, 1920	82	William E. Blanchard	"
Feb. 2, 1920	88	Joseph W. Lajeunesse	"
Feb. 2 1920	87	Frederick Wignall	"
May 1, 1921	84	James P. Quinn	"

HOSE COMPANY No. 2.

Date of Joining Dept.	No. of badge	Name	Rank
Jan. 13, 1908	185	Edward O. Pollock	Acting Captain
Oct. 26, 1903	191	Frank N. Cleveland	Lieutenant
Oct. 1, 1917	192	Joseph G. E. Bessette	Chauffeur
Nov 25, 1917	187	Charles A Vail	
Dec. 1, 1894	189	Antonio M. Lemos	Hoseman
May 1, 1921	290	Geo. Klemm	"
Nov. 3, 1918	188	James Kidd	"
Feb. 2, 1920	190	Edwin Hibbert	"
Feb. 2, 1920	194	Sam Julio	"
April 12, 1921	186	Joseph Carter	"
Nov. 26, 1922	193	Manuel A. Mendoza	"

HOSE COMPANY No. 4.

Date of Joining Dept.	No. of badge	Name	Rank
May 1, 1910	270	William S. Gatenby	Captain
Aug. 11, 1903	271	James Sanderson, Jr.	Acting Lieut.
Dec. 9, 1894	272	Frederick E. Mosher	Chauffeur
Sept 8, 1908	274	Allan L. Phillips	"
Jan. 4, 1900	275	Richard F. Burke	Hoseman
Feb. 2, 1920	273	Francis M. Dowd	"
Apr 2, 1918	276	John F. Maguire	"
July 17, 1918	267	Walter Earnshaw	"
Feb. 2, 1920	265	James T. O'Brien	"
Feb. 2, 1920	268	Frank Cheetham	"

HOSE COMPANY No. 5.

Date of Joining Dept.	No. of badge	Name	Rank
Dec. 31, 1888	70	Thomas H. Forbes	Captain
May 9, 1905	75	Edward J. Bly	Lieutenant
Oct. 23, 1906	71	James S. Cooke	Chauffeur
Feb. 3, 1902	72	Charles H. Lawrence	"
Sept. 1, 1892	77	Charles A. Haskins	Hoseman
May 1, 1918	67	Lawrence J. Boland	"
Jan. 1, 1923	74	Thomas Spence	"
May 9, 1905	69	Joseph A. Mahoney	"
Nov. 25, 1917	73	Nathaniel H. Caswell, Jr	"
Feb. 2, 1920	68	Robert J. Sullivan, Jr.	"

LADDER COMPANY No. 1.

Date of Joining Dept.	No. of badge	Name	Rank
Aug. 29, 1904	92	William N. Whelan	Captain
July 1, 1896	95	William L. Durfee	Lieutenant
July 4, 1920	104	Fred Clarkson	Chauffeur
May 1, 1910	97	Norman S. Dyer	"
Feb. 2, 1920	103	Joseph DeTerra	Tillerman
Feb. 2, 1920	99	Thomas W. Bell	"
Dec. 5, 1887	98	Geo. S. Allen	Ladderman
Feb. 2, 1920	102	Harmidas J. Roberts	"
Feb. 2, 1920	96	John T. King	"
April 22, 1896	105	Charles E. Robertson	"
Oct. 7, 1918	101	Edward J. Began	"
July 17, 1918	106	Robert Cocking	"
Dec. 21, 1921	107	Thomas E. Lundy	"
April 2, 1922	100	Joseph Miller	"

LADDER COMPANY No. 2.

Date of Joining Dept.	No. of badge	Name	Rank
Jan. 3, 1915	178	Frank J. Nicklas	Captain
Oct. 1, 1895	176	John E. Murphy	Lieutenant
July 29, 1920	181	Walter C. Martin	Chauffeur
Mar. 1, 1892	173	William Sellocks	"
May 1, 1921	184	Nicholas S. White	Tillerman
July 17, 1918	177	Philip A. Rainville	"
Dec. 1, 1917	183	Albert Berry	Ladderman
Feb. 2, 1920	171	William Belisle	"
Mar. 17, 1918	172	Roland H. Cobb	"
Feb. 2, 1920	180	William W. Entwistle	"
May 1 1921	179	Leo. F. McGoff	"
May 1 1921	175	Theodore A. Cote	"
May 1 1921	182	Lawrence J. O'Connor	"

LADDER COMPANY No. 3.

Date of Joining Dept.	No. of badge	Name	Rank
Dec. 15, 1892	232	Charles E. Greene	Captain
Mar. 7, 1911	233	Arthur E. Souza	Lieutenant
Jan. 2, 1918	227	Thomas W. Whittaker	Chauffeur
Nov. 26, 1917	234	William Beehan	"
Oct. 1, 1902	228	Frank T. Cooke	Tillerman
Jan. 7, 1917	230	Alfred A. DesRoches	"
Nov. 25, 1917	224	Thomas Collins	Ladderman
Feb. 2, 1920	226	Arthur Harwood	"
Feb. 2, 1920	219	Peter J. Brennan	"
Feb. 2, 1920	220	Richard Pinnington	"
Aug. 13, 1922	222	Leonard Mason	"
Feb. 2, 1920	221	George Shenaff	"
Feb. 3, 1920	218	Thomas F. Flood	"
Sept. 6, 1920	231	Frank C. Coire	"

LADDER COMPANY No. 4.

Date of Joining Dept.	No. of badge	Name	Rank
Aug. 10, 1909	280	James Doran	Captain
Jan. 8, 1907	281	Ernest G. S. Teachman	Lieutenant
Dec. 7, 1919	286	William A. Lenhart	Chauffeur
Dec. 2, 1917	283	Irving W. Nelson	"
Dec. 1, 1917	282	Edward McKay	Tillerman
Nov. 7, 1918	287	Joseph E. Pidgeon	"
Oct. 19, 1908	285	William J. Gibbs, Jr.	Ladderman
Feb. 2, 1920	288	Godias J. Boucher	"
Feb. 2, 1920	289	Albert Voisine	"
Feb. 3, 1920	281	Frederick Walker	"
May 1, 1921	291	John E. Robello	"
May 1, 1921	292	Edward Marsh	"
Dec. 27, 1921	293	Ernest J. Dearden	"

THE NEW BEDFORD PROTECTING SOCIETY.

1922

PRESIDENT :

JOSEPH F. CORNWELL

DIRECTORS.

HENRY S. HUTCHINSON	FRANK P. R. PATTERSON
THOMAS B. AKIN	ERNEST H. BOUCHER
CHAS. S. BAYLIES	GEORGE I. MACY
F. OSCAR COVILL	FREDERICK B. MACY

SECRETARY AND TREASURER :

CHESTER P. REXFORD

Allen, Geo. H. H., Jr.
 Kelley, Charles S., Jr.
 Webber, James A.
 Swift, Horace W.
 Blair, John K.
 Dawe, William C.
 Bourne, William S.
 Brightman, Harry C.
 Brooks, Arthur T.
 Coe, I. H., Jr.
 Anthony, Merrill D.
 Brooks, Andrew J.
 Williams, Thos. W.
 Russell, Charles A.
 Delano, Arthur D.
 Read, W. Kempton
 Francis, James P.
 Gifford, Frank H.
 Browne, Frederic T.
 Chase, Chester W.
 Lawton, Harry C.
 Howard, Henry, Jr.
 Budlong, James E.
 Humphrey, Jas. L., Jr.
 Case, Everett B.
 Knowles, Henry S.
 Weeks, Allen T.
 Francis, Wellington A.
 Hurl, George P.
 Macy, J. Roland
 Manchester, P. F.

Shaw, John C., Jr.
 Mendelson, Hyman
 Tuell, Clifton P.
 Chapman, Laurence D.
 Makin, Henry J.
 Read, Joseph M.
 Perry, Samuel H.
 Peirce, Stephen D.
 Poirier, Aime J.
 Potter, William F.
 Oesting, Edward A.
 Olivier, Geo. L.
 Oman, Charles E.
 Smith, Nat. C.
 St. Germain, George A.
 Francis, Arthur S.
 Phillips, William C.
 Robinson, Wm. A., Jr.
 Macy, Herbert F.
 Sharples, Charles H.
 Sharples, Arthur
 Dunham, Otis M.
 Sullivan, Daniel J.
 Sears, Louis A.
 Taber, Frederic H.
 Taylor, Wm. T.
 Lancaster, John M.
 Williamson T. Wilson
 Parker, Ward M.
 Burke, Harry
 Cook, Otis P.

FIRE ALARM TELEGRAPH 1922

SUPERINTENDENT

EDWARD F. DAHILL, Chief Engineer.

Assistant Superintendent

CAPT. ROBERT E. ALLEN.

LOCATION OF SIGNAL BOXES.

PRIVATE BOXES

1

112 Pairpoint Corp.
 113 Quissett Mill
 114 City Mills
 115 Potomska Mills
 116 Acushnet Mills
 117 Hathaway Mills
 118 Dartmouth Mills
 12 Butler Mill
 122 Holmes Mill
 124 Booth Mill
 125 Kilburn Mills
 13 Page Mills
 131 Gosnold Mills
 132 Rotch Mills, Orchard st
 133 Rotch Mills, Bolton st
 134 Sharp Mills
 14 Morse T. D. & M. Co.
 141 Frank L. Young Co.
 142 N. B. Gas & E. Light Co., Water st
 143 N. E. Steamship Co.
 145 U. S. Ry. Co., Power House
 146 U. S. Ry. Co., Popes Island
 147 Terminal Warehouse, Front st
 148 J. C. Rhodes & Co.
 149 State Pier
 15 N. B. Cordage Co.
 16 St. Luke's Hospital, Allen st
 19 Acushnet Park

2

21 E. E. Taylor Shoe Co.
 211 N. B. Spinning Co.
 212 Wamsutta Mills
 213 Grinnell Mills
 214 Bristol Mill
 215 Fairhaven Mills, Coggeshall st
 216 Pierce Mill, Belleville av & Sawyer
 2161 Pierce Mill, foot of Dean st
 217 Fairhaven Mills, Sawyer st
 218 Soule Mill
 221 Whitman Mills
 223 Manomet Mill No. 1, ft Hathaway
 2231 Manomet Mill No. 2, ft Nash rd

224 Nashawena Mills, Belleville av and
 Belleville rd
 2241 Nashawena Mills, Belleville av and
 Hatch st
 2242 Nashawena Mills, Conduit st, ft Cen-
 tral av
 225 Nonquitt Mill No. 1, ft Covell st
 2251 Nonquitt Mill No. 2, ft Covell st
 226 Manomet Mill No. 3, ft Ingraham
 231 Pierce Bros. Ltd. Mill
 232 Taber Mill
 233 N. B. Cotton Mills
 234 Beacon Mills
 235 National Spun Silk Co.
 24 U. S. Ry. Co., Weld st
 241 Snell & Simpson
 242 Smith Bros. Brewery
 243 N. B. Warehouse, Sawyer st
 244 Dawson's Brewery
 245 Union Warehouse, Nash Road
 246 Belleville Warehouse
 247 N. B. Cotton Waste Co.
 25 N. E. Oil Refining Co.
 251 Taunton-N. B. Copper Co.
 252 Z. B. Davis Corp.
 253 Freight House, Pearl st
 254 Freight House, Willis st
 255 Railroad Engine House
 256 Hill & Cutler Co.
 257 Wamsutta Sheeting Factory
 259 I. B. Morrow & Co., 223 No. Second st
 26 Neild Mill
 261 Manomet Mill No. 4, King st
 28 Continental Wood Screw Co.
 281 Nausett Warehouse
 282 Garbage Plant, Shawmut av,
 north from Hathaway rd
 29 Lambeth Rope Works, Tarklin Hill rd
 291 J. I. Paulding, King's Highway

PUBLIC BOXES

3

3 Lunds Corner
 31 Acushnet av and Wood st
 311 Acushnet av and Perry st
 312 Acushnet av and Hatch st
 313 Acushnet av and Belleville rd
 315 Howard av and River rd
 316 Belleville av and Covell st

317 Belleville rd and Hope st
 319 Acushnet av and Nash rd
 32 Wood and Felton sts
 323 Arlington and Clifford sts
 324 Ashley blvd and Shaw st
 327 Ashley blvd and Glennon st
 329 Nash rd and Ashley blvd
 334 Nash rd and Church st
 345 Irvington and Rochambeau sts
 363 Shawmut av and Plainville rd
 375 Tarklin Hill rd and Lowell st
 38 Acushnet and Squin avs
 382 Acushnet av and Braley rd
 335 Acushnet av and Forbes st
 386 Acushnet av and Phillips rd
 387 Acushnet av and Chaffee st
 388 Acushnet av and Pontiac st
 4
 4 Tinkham av and No. Front st
 41 Hathaway and Diman sts
 411 Belleville av and Davis st
 412 Acushnet av and Davis st
 413 Ashley blvd and Coffin av
 4131 Ashley blvd and Phillips ave
 414 Coffin av and No. Front st
 415 Belleville and Coffin avs
 416 Acushnet av and Bullard st
 42 Belleville av and Nye st
 421 Tallman st and Ashley blvd
 422 Acushnet av and Sawyer st
 423 Holly and No. Front sts
 43 Acushnet av and Coggeshall st
 431 Belleville av and Coggeshall st
 432 Cedar Grove and No. Front sts
 433 Cedar Grove st and Acushnet av
 4331 Cedar Grove and Howard sts
 434 Acushnet av and Washburn st
 435 Hicks and No. Front sts
 441 Brook and Earl sts
 442 Ashley blvd and Earl st
 451 Mt. Vernon and Highland sts
 452 Mt. Pleasant near Reservoir
 453 Mt. Pleasant and Sawyer sts
 459 Mt. Pleasant st & Kings Highway
 46 Sawyer and County sts
 461 Coggeshall and Reynolds sts
 4611 County and Coggeshall sts
 462 Purchase and Cedar Grove sts
 463 County and Clark sts
 464 Myrtle and Clark sts
 47 Purchase and Linden sts
 471 County and Linden sts
 472 Cottage and Durfee sts
 48 Shawmut av and Durfee st
 482 Shawmut av and Grand st
 484 Shawmut av and Hathaway rd
 49 Rockdale av and Rogers st
 494 Rockdale ave and Hathaway rd

5

5 Parker near Summer st
 51 County and Parker sts
 511 Hazard and State sts
 512 Merrimac and State sts
 513 Purchase and Franklin sts
 514 Purchase and Willis sts
 515 Acushnet av and Wall st
 516 Acushnet av and Maxfield st
 517 State and Sycamore sts
 5171 Maxfield and Pleasant sts
 52 Richmond and Austin sts
 521 Shawmut av and Maitland st
 522 Cottage and Robeson sts
 523 Merrimac and Summer sts
 524 Cedar and Locust sts
 525 Shawmut av and Parker st
 526 Chestnut and Willis sts
 527 Cedar and Smith sts
 5271 Cedar and Maxfield sts
 53 Kempton and Cedar sts
 531 Kempton and Chancery sts
 532 Kempton and Liberty sts
 533 Kempton and Florence sts
 534 Kempton st and Rockdale av
 536 Kempton and Jenny Lind sts
 54 Purchase and North sts
 541 Water and North sts
 542 Water and Middle sts
 543 Fish Island
 544 Rodman and Front sts
 551 County and Maxfield sts
 552 County and Kempton sts
 553 Pleasant and High sts
 554 Purchase and Elm sts
 556 William and No. Sixth sts
 557 County and Morgan sts
 5571 Summer and Middle sts
 56 Union and Eighth sts
 561 Union and Purchase sts
 562 William and No. Second sts
 563 Union and Water sts
 57 Hillman and Ash sts
 571 Park and Keene sts
 581 Union and Ash sts
 582 Union and Park sts
 583 Union and Rounds sts
 59 Cottage and Court sts
 591 Court and James sts
 5911 Court and Liberty sts
 592 Palmer and Elm sts
 593 Court and Reed sts
 594 Brownell av and Pinette st

6

6 Pleasant and School sts
 61 Purchase and Madison sts
 611 Second and School sts

2 Walnut and Water sts
3 Water and Coffin sts
4 Water and Leonard sts
5 Acushnet av and Cannon st
6 Bedford and Sixth sts
61 Pleasant and Russell sts
7 Walnut and Seventh sts
 Allen and Dartmouth sts
1 Bedford and Borden sts
2 Ward and Bay sts
3 Allen and Page sts
4 Allen and Brigham sts
5 Allen and Reed sts
 Hawthorn and Cottage sts
1 Hawthorn and Page sts
2 Hawthorn and Brigham sts
3 Ryan and Brownell sts
4 Carroll and Reed streets
5 Maple and Rounds sts
 Orchard and Clinton sts
1 Arnold and Ash sts
2 Arnold and Atlantic sts
3 Arnold and Roteh sts
4 Arnold and Reed sts

7

Howland and Second sts
 Purchase and South sts
1 Water and South sts
11 Acushnet av, north from South st
2 Potomska and First sts
3 Acushnet av and Rivet st
4 Water and Blackmer sts
5 Water and Division sts
6 Water and Cove sts
7 County and Grinnell sts
1 Rockland and Hall sts
22 County and Thompson sts

7221 Crapo and Thompson sts
723 County and Mosher sts
7231 Division st and Acushnet av
724 County and Nelson sts
73 Washington and Crapo sts
731 Orchard and Fair sts
732 Briggs and Thompson sts
7321 Hemlock and Thompson sts
733 Bolton and Rivet sts
734 Crapo and Rivet sts
735 Crapo and Division st
7351 Katherine and Bonney sts
74 Dartmouth and Hickory sts
741 Dartmouth and Rockland sts
742 Dartmouth and Rivet sts
743 Dartmouth and Dunbar sts
744 Hemlock and Sagamore sts
745 Field and Matthew sts
746 Rockdale av and Sharp st

8

8 Almshouse
81 Isolation Hospital
811 Brock av and Hudson st
812 Brock av and Capitol st
813 Brock av and Butler st
8131 Brock av and Frederick st
814 Brock av and Rodney st
815 Brock av and George st
816 Ruth and Ashley sts
821 West French av and Willard st
83 East French av and Cove st

SPECIAL SIGNALS

22 struck twice, No School Signal
10 blows struck twice, Military Call.
15 blows struck twice, Naval Call.
28 blows struck once, Civil Relief
 Committee Call.

CITY OF NEW BEDFORD,

IN BOARD OF ALDERMEN,

Feb. 23, 1923.

Received, ordered printed in City Documents, and
sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL,

Feb. 23, 1923.

Concurred.

HAROLD WINSLOW,
Clerk.

FORTY-FOURTH ANNUAL REPORT

OF

THE BOARD OF HEALTH

OF THE

CITY OF NEW BEDFORD

To the City Council for the Year 1922.



NEW BEDFORD, MASS.

1923

L'INDEPENDANT PUBLISHING CO., PRINTERS

REPORT

New Bedford, January 10, 1923.

To His Honor, the Mayor and Gentlemen of the City Council:

The number of deaths in New Bedford for the year 1922 was 1560, and the death rate, based on the Census Bureau's estimate of the city's population, 127,542, was 12.23 plus.

This is a slightly higher rate than that of 1921, which was 11.38 plus, but it is lower than any other recorded death rate in the city's history. An adjusted rate, secured by deducting non-resident deaths, is 11.72 plus.

It is interesting to note that seventy-four of the deaths of 1922 were due to various external causes. They include seven suicides, thirteen gas-poisonings, twenty deaths due to automobiles, seven drownings, three homicides and eight burnings. Such deaths are not usually thought of as lying within the scope of public health work, yet they count in the death rate the same as deaths from disease. They constitute a fairly large group of strictly preventable deaths -- so large that if they had not taken place the general death rate would have been 11.65 instead of 12.23.

INFANT MORTALITY.

The number of deaths of children under one during the year was 345, one less than in the preceding year. Unfortunately for the rate, the number of births showed a substantial falling off, there being only 3344 compared with 3681 for 1921. The rate was 103.01, New Bedford thus getting back into the century class after having gone below the hundred mark. Of the 345 deaths, 99 occurred during the first week of life, 57 of them the first day, suggesting prenatal conditions and the necessity of more extensive maternity care and more skilled obstetrical attention.

Since the establishment of infant welfare work by the Board the infant mortality rates have been as follows:

1915		134.55
1916		132.34
1917		130.55
1918	(influenza epidemic	184.53

1919	116.88
1920	117.07
1921	93.99
1922	103.01

THE SCHICK TEST.

One of the most important undertakings of the year was the administering of the Schick test to children in the schools. This work is fully described in the report of the Agent and Executive Officer, but it is well to say here that the large number of permission cards referred by the school children showed a gratifying confidence, among the parents, in the measures advised by the Board as a means of preventing diphtheria. No organized opposition was encountered. Children shown by the Schick test to be susceptible to diphtheria did not always submit to the three toxin anti-toxin treatments required to give them immunity, but the number that dropped out was no larger than might have been expected. The transfer of public school medical inspection to the School Committee leaves the following-up of this important work to the School Director of Health and Hygiene. The Board of Health will continue to offer the service to the children of the parochial schools.

GARBAGE REDUCTION.

The garbage disposal plant acquired by the city in 1921 was operated during the greater part of the year. A shut-down of a month or so during the summer, when a new road was being constructed to the plant, gave an opportunity for a needed overhaul. During this period garbage was spread on the ground of nearby farms and plowed in.

The use of a direct heat drier in connection with the Cobwell system, first tried at the New Bedford plant, has proved so successful from a sanitary point of view, and has so reduced the cost of treatment, that the manufacturers of Cobwell machinery have incorporated it in what they call the modified Cobwell process. The use of chloride gas, regulated by a special device, has been effectual in preventing the dryer from giving off offensive odors, and during the year not one complaint has been registered against the plant on this ground. On the strength of New Bedford's experience a modified Cobwell plant is to be established in Syracuse, New York.

The cost of operation has, on the whole, been disappointingly large. Chiefly this has been due to the fact that the plant was old when the city took it over, and that much of the equipment had reached a stage where it could be kept in service only by frequent repairs. There is great need of 3 new reducers to replace three that are practically worn out.

During the year the furnace connected with the dryer was equipped with oil-burners. These have proved satisfactory, and have effected some saving.

During the year there were issued 1025 permits for plumbing work of all kinds, 532 being for old buildings and 493 for new structures. The work is classified as follows:

Water closets,	1643
Sinks,	1318
Bathtubs,	947
Washbowls,	1236
Washtubs	392
Urinals,	50
Drains,	28
Deep traps,	1
Surface traps,	16
Conductors,	15

It is with deep regret that the Board records the death, on Jan. 2, 1923, of Louis H. Richardson, senior Inspector of Plumbing. Mr. Richardson was, in point of service, the oldest man in the department. Indeed the oldest in the city government. He entered the health department as Inspector of Plumbing in May 1, 1888, he practically created this division of public health work in New Bedford. His wisdom, foresight, and insistence upon sound plumbing practice, have contributed to give New Bedford an excellent plumbing code and all inspection service of acknowledged efficiency. Mr. Richardson had the esteem of his associates; he commanded the confidence and respect of the plumbers; and in his death the city lost a man who had been an honor to the public service.

Respectfully submitted,

COOPER GAW,

L. Z. NORMANDIN, M. D.,

J. U. PAQUIN, M. D.

BOARD OF HEALTH

AGENT'S REPORT

New Bedford, January 1, 1923.

To the Board of Health:

Gentlemen:

The statistical record of the work performed in the department under my supervision is herewith appended.

One of the salient points in the reporting of births is the fact that during the year midwives reported a much smaller number than in former years, which leads one to believe that the expectant mothers among the foreign population are beginning to look with more favor upon the regular practitioner. Of the 3366 births reported to this department by the City Clerk, but 853 were reported to him by midwives, a falling off of nearly 200 as compared with 1921. True there have not been as many births the past year, but the falling off in this class carries with it the suggestion that the physician must be looked upon with more favor than in former years by the newcomers to the United States. There were less cases of bad eyes reported during the year, and as a consequence Mrs. Theresa Lyons, who is in charge of this work under the direction of Dr. Alphonse Normandin, made less visits than in 1921.

The following table may be of interest:

	Number of Births	Births Reported by Midwives	Visits by O. N. Nurse	Reports of Ophth. Neon.	Reports of Supp. Conj.
January.....	299	71	47	1	10
February.....	242	75	46	1	11
March.....	298	77	52	1	11
April.....	275	69	76	2	6
May.....	268	68	81	2	8
June.....	290	69	53	0	16
July.....	274	69	53	0	7
August.....	282	76	74	0	7
September.....	280	68	92	4	13
October.....	333	90	31	0	10
November.....	233	49	38	0	7
December.....	292	72	55	2	9
TOTALS	3366	853	698	13	115

THE MILK SUPPLY.

It will be noticed by the table giving the record by months of the work performed in the department during the year that less than 200 inspections of dairy farms were made in 1922. These inspections were made by Dr. H. B. Hamilton in connection with his regular work in following up licensed milk peddlers. A more thorough inspection should be made of farms where milk is produced, and it is suggested that this work should be carried on during the fall and winter months when the animals are housed and not in pasture. The following table gives the record of samples taken for the bacterial count during the year.

	Number of Samples	From Cans	From Bottles	Duplicates	Bacterial Count	
					Below 50,000 per CC	Above 50,000 per CC
January.....	0	0	0	0	0	0
February.....	0	0	0	0	0	0
March.....	20	0	20	0	20	0
April.....	44	0	44	0	36	0
May.....	108	0	108	0	76	8
June.....	72	2	70	38	48	50
July.....	91	0	91	7	46	10
August.....	145	0	145	18	80	27
September.....	69	0	69	0	52	2
October.....	22	0	22	0	16	0
November.....	0	0	0	0	0	0
December.....	0	0	0	0	0	0
Totals	571	2	679	63	374	97

TYPHOID FEVER

For the first time in the history of New Bedford no deaths from typhoid fever were reported in 1922. But few cities of the size and character of population of New Bedford have this record. No doubt the Board's effort in prevailing upon the public to avail themselves of the use of the typhoid prophylactic has been a factor in this showing. Not one of the cases reported was traceable to eating shell fish from polluted waters, or to the milk supply. With the exception of three cases known to have contracted the disease from a family late

in the year previous, those reported carry the usual story, "don't know where I got it", -- probably the blame can be placed on automobile journeys, and the almost certain drinking of water in sections of the country never reached except by the auto, for it is an acknowledged fact that this disease is for the most part, rural in origin. The following is the record of deaths from this disease, since 1914, per 100,000 population :

1915.....	19.0
1916.....	4.1
1917.....	5.8
1918.....	8.3
1919.....	2.5
1920.....	10.6
1921.....	2.4
1922.....	NONE

TUBERCULOSIS.

There were recorded during the year 113 deaths from pulmonary tuberculosis, the smallest number since 1910 when there were 102. What is true of this disease in New Bedford is equally as true throughout the Commonwealth. During the latter part of the year there were a number of vacant beds at the local sanatorium, an experience never before realized since the Board began its work of caring for sufferers with this malady in 1909. The same condition prevailed throughout the State, reports showing that there were more vacant beds than in any year since the work was taken on. The capacity of the Commonwealth is 4,000 beds. Various causes are given as attributable to this condition, none of which can be applied to the local institution, the only reason in this city for the empty bed problem being a lack of patients needing institutional treatment. Especially was this true with men.

During the year there were reported 259 new cases of this disease against 298 in 1921, and 441 in 1917. On January 1st of this year there were 107 patients suffering with tuberculosis under treatment at the New Bedford Sanatorium. During the year the city paid to the institution's treasurer for the treatment of 249 patients the sum of \$71,271.33. The total cost for the care and maintenance of T. B. patients was approximately \$74,000, as stated above the local institution being paid the first named amount. From the records it appears that 152 patients were discharged from Sassaquin, classified as follows:

Arrested,	16
Improved,	31
Quiescent,	17
Apparently arrested,	27
Unimproved,	18
Died,	43

Of the patients 99 were married and 150 single.

The nativity of the patients treated follows:

New Bedford,	107
United States (other than N. B.),	39
Azores	19
England	19
Cape de Verde	18
Canada	12
Portugal	10
Poland	5
Russia	3
Madeira Islands	3
Scotland	3
Syria	2
Austria	1
Germany	1
Nova Scotia	1
Italy	1
Ireland	1
British West Indies	1
Greece	1
Wales	1
Albania	1

The occupations of these patients are classified as follows:

Students	92
Mill operatives	59
Housewives	45
Laborers	11
Sailors	5
Grocers	4
Painters	2
Friemen	2
Inspectors	2
Teamsters	2
Teachers	2
Chauffeurs	2
Office clerks	2

One each :

Dishwasher
Rope works
Auto mechanic
Errand boy
Roofer
Motorman
Farmer
Dressmaker
Eyelet worker
Stenographer
Shipping Clerk
Packer
Cook
Shoemaker
At home
Barber
Waiter
Laundress
Druggist

The decline in the number of deaths from tuberculosis throughout the United States is commented on by national authorities, one authority claiming that eleven years ago tuberculosis was, far and away, the leading cause of death. It now ranks second in importance to organic heart disease in the list of important diseases. The displacement of tuberculosis (this same authority contends), from its ranking position is one of the evidences of the success of modern anti-tuberculosis work.

Beginning October 1st, the Board took the treatment of other forms of tuberculosis, as required by law, and a number of patients have been given special treatment, for which Sassaquin is now equipped.

DIPHThERIA AND SCARLET FEVER.

Twnty-three deaths from diphtheria is the record for the year. ..

During the year 305 cases were reported, an increase of 10 over the year previous when the record was the largest in the history of the city. It is gratifying however to note the fact that despite the slight increase in the number of cases in 1922, there were eleven less deaths from that malady than in

1921. The general use of diphtheria antitoxin and the calling of the physicians during the early symptoms of the disease is no doubt responsible for this result. Parents of children are beginning to realize that it is not wise to neglect a cold in youngsters. Nearly one half of the cases of diphtheria reported were children under school age as shown by the following table:

Cases of Scarlet Fever and Diphtheria under school age:

	Scarlet Fever.	Diphtheria
January.....	12	15
February.....	14	28
March.....	9	19
April.....	8	13
May.....	4	11
June.....	4	6
July.....	3	3
August.....	3	4
September.....	0	8
October.....	2	7
November.....	3	18
December.....	8	14
TOTALS	70	146

THE SCHICK REACTION.

Early in January the Board began the work of giving the Schick test to the school children of New Bedford, first sending out invitations to parents, which were distributed both in the public and parochial schools. Just prior to sending out these invitations the physicians of the city were invited to meet Dr. Benjamin White, at the head of the State's biological laboratories, who explained the value of the Schick test and the use of toxine anti-toxine. At this meeting several children who had been given the treatment were present to show the various stages of its action on the individuals treated. In response to the invitations sent out to parents 5409 school children were schicked, 3513 showing positive results, while 1746 were negative and 150 were not read because of absence from school after being schicked. Of the 3500 children showing a positive reaction 3272 were given the first treatment towards complete immunization, but interfering agencies succeeded in prevailing upon 681 to pass up the suc-

ceeding treatments hence but 2591 were given the necessary treatment for complete immunization. However as the board carried on this work every day in its own office with Dr. L. K. Doran in charge, we were able to show a record of about 3000 children, who have been given complete immunization, and of this number are the children in St. Mary's Home. The Schick test is of practical value in determining the immunity to diphtheria of the public in general, but especially of the child population in schools, hospitals, institutions and in homes during an outbreak of diphtheria.

CONTAGIOUS DISEASE CASES AND DEATHS BY MONTHS—1922.

MONTHS	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Small Pox		Lobar Pneumonia		Polio-myelitis		Pul. & Miliary		Meningeal		Tuberculosis		Other Forms
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	
January.....	37	3	26	1	0	0	1	0	12	0	0	0	2	0	1	0	24	8	1	1	4	0	0
February.....	54	7	36	0	3	0	3	0	3	0	0	0	16	5	0	0	26	12	1	1	3	0	0
March.....	37	3	36	1	0	0	5	0	2	0	0	0	22	6	2	0	30	13	2	2	1	0	0
April.....	24	2	29	0	0	0	4	0	2	0	0	0	6	1	0	0	22	11	1	1	4	0	0
May.....	22	0	19	1	1	0	1	0	0	0	0	0	8	3	0	1	24	9	2	2	7	2	0
June.....	20	0	17	0	1	0	4	0	0	0	0	0	2	0	0	0	21	8	1	1	5	0	0
July.....	11	0	7	0	5	0	2	0	1	0	0	0	1	1	7	3	10	8	3	1	1	0	0
August.....	12	0	7	0	1	0	3	0	0	0	0	0	3	1	2	1	27	4	1	2	1	0	0
September.....	14	0	3	0	1	0	9	0	1	0	0	0	2	1	2	0	21	18	2	2	4	1	0
October.....	20	4	5	1	4	0	17	1	1	0	0	0	6	2	1	0	18	11	2	2	6	1	1
November.....	30	1	15	0	2	0	35	0	11	0	0	0	9	2	0	0	17	7	1	1	2	0	0
December.....	24	3	17	0	0	0	683	1	25	1	0	0	16	7	0	0	20	4	1	1	7	2	0
TOTALS	305	23	217	4	18	0	767	2	58	1	0	0	93	31	15	5	259	113	18	17	45	6	6

BOARD OF HEALTH

CASES AND DEATHS FOR EACH YEAR SINCE 1914.

Year	Diphtheria		Scarlet Fever		Typhoid		Measles		Whooping Cough		Small Pox		Lobar Pneumonia		Polio-myelitis		Pulmonary and Miliary Tuberculosis		Meningeal Tuberculosis		Cases Other Forms Tuberculosis		Deaths	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1915 . . .	150	26	137	7	151	21	1064	4	163	3	23	10	—	78	1	0	423	139	10	15	43	10		
1916 . . .	116	9	119	2	64	5	262	2	79	4	0	0	—	110	20	1	367	168	0	18	37	12		
1917 . . .	112	12	125	2	66	7	1055	0	65	5	0	0	—	118	0	0	441	140	13	32	33	11		
1918 . . .	118	19	56	2	48	10	400	2	138	7	0	0	176	68	11	0	435	203	14	26	37	7		
1919 . . .	144	21	161	4	17	2	792	3	83	0	0	0	52	31	0	1	372	142	18	23	36	8		
1920 . . .	208	34	310	3	50	13	439	2	64	4	0	0	81	38	0	0	344	130	23	26	26	6		
1921 . . .	295	26	225	1	21	4	35	0	148	2	0	0	72	29	2	0	298	123	15	16	26	13		
1922 . . .	305	23	217	4	18	0	767	2	58	1	0	0	93	31	15	5	259	113	18	17	45	6		

ISOLATION HOSPITAL.

During the year ending December 31, 1922 the Scarlet Fever ward was opened for eight patients, while an equal number of patients were treated in the Diphtheria ward.

SMALL POX HOSPITAL.

During the latter part of the year, after consultation with His Honor, Mayor Remington, the work of repairing the Small Pox Hospital was commenced. An electric lighting system has been installed, and at this writing, bath rooms and water closets are being installed. When the work is completed, the city will possess an adequate institution for the treatment of small pox, at a cost very much reduced from what would have had to be expended for a modern institution.

MARKET AND STORES.

During the year there were made 3065 inspections of markets and stores. A very large percentage of these inspections were made by the four sanitary inspectors, who visit the markets and stores in their respective districts. This plan was adopted several years ago by the board. Frequent visits made by the sanitary corps have a good effect on store-keepers who are indifferent as to the cleanliness of their places. A number of instances, where drastic measures were thought to be necessary, were referred to Dr. H. B. Hamilton inspector of milk and provisions.

TEMPORARY INSANE.

The number of persons examined under Chapter 123, Section 82, General Laws, during the year was four. But one was found in a condition necessitating commitment to an institution for insane.

THE DEATH RATE.

The leading causes of death in 1922 were heart disease, broncho pneumonia, cerebral hemorrhage, pulmonary tuberculosis and cancer. There was a falling off in the number of deaths from pulmonary tuberculosis but in the other four causes, marked increases are shown, the greatest increase being in broncho pneumonia. Heart disease was the principal cause with a record of 193, while broncho pneumonia is

second with one less. The past year cancer removed 105, just 23 in excess of 1921 and cerebral hemorrhage has a record of 146, 53 in excess of 1921. Deaths by age groups show that the heaviest toll (as usual) was between 60 and 70, with 254, an increase of 67 over the record for 1921. Sixty more males died during the year than females.

The whole number of deaths for the year was 1560, and the general death rate based on the federal estimate of the City's population (127,542) was 12.23 plus. As there were 64 deaths of non residents during the year, the adjusted death rate is 11.72 plus, a trifle higher than the death rate of 1921. During the year there were 74 deaths from external causes, 20 caused by automobile accidents.

The following is the record of deaths and mortality rates since 1889:

1890	.	.	.	775	18.9+	41,000
1891	.	.	.	960	21.8+	*44,000
1892	.	.	.	973	21.62	45,000
1893	.	.	.	1070	23.77	45,000
1894	.	.	.	1037	21.18	49,000
1895	.	.	.	1055	19.09	*55,251
1896	.	.	.	1192	20.91	57,000
1897	.	.	.	1275	21.98	58,000
1898	.	.	.	1111	18.33	59,000
1899	.	.	.	1161	19.35	60,000
1900	.	.	.	1285	20.57	*62,442
1901	.	.	.	1236	19.08	64,826
1902	.	.	.	1331	19.80	67,210
1903	.	.	.	1590	22.84	69,594
1904	.	.	.	1347	18.71	71,978
1905	.	.	.	1275	17.14	*74,326
1906	.	.	.	1333	16.85	79,078
1907	.	.	.	1546	18.38	84,102
1908	.	.	.	1579	17.79	88,591
1909	.	.	.	1594	17.12	*93,093
1910	.	.	.	1817	18.79	*96,652
1911	.	.	.	1730	16.94	102,098
1912	.	.	.	1655	15.86	104,302
1913	.	.	.	1673	15.52	107,766
1914	.	.	.	1750	16.05	109,000
1915	.	.	.	1719	15.67	*109,652
1916	.	.	.	1810	15.31	118,158
1917	.	.	.	1785	15.1+	118,158

BOARD OF HEALTH

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1918	.	.	.	2905	24.28+	119,577
1919	.	.	.	1626	13.25	122,695
1920	.	.	.	1749	14.42+	121,217
1921	.	.	.	1380	11.38	125,012
1922	.	.	.	1560	12.23+	127,542

**

**Non resident deaths 64. Adjusted death rate 11.72 plus

*Census

COMPARATIVE TABLE OF DEATHS BY MONTHS.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1916..	152	174	165	156	166	137	125	173	155	119	127	161
1917..	157	117	193	168	150	126	134	141	139	139	131	160
1918..	200	167	172	187	142	153	228	195	205	854	228	174
1919..	192	164	165	142	123	99	107	118	103	153	105	155
1920..	169	283	189	137	147	111	94	153	108	119	119	120
1921..	135	120	143	123	107	114	96	109	110	102	114	107
1922..	117	165	199	157	121	91	83	114	136	123	115	139

During the year there were 20 deaths classified as vehicular fatalities, nine under 15 years of age and eleven 15 years and over — one a steam railway fatality and 19 due to automobiles.

COMPARATIVE TABLE OF LEADING CAUSES OF DEATH

	—1918—		—1919—		—1920—		—1921—		—1922—	
	Deaths	P. C.	Deaths	P. C.	Deaths	P. C.	Deaths	P. C.	Deaths	P. C.
Pulmonary T. B.....	211	7.2	142	8.1	130	7.3	123	9.0	113	7.2
All Forms T. B.....	248	8.5	173	10.6	167	9.2	149	10.7	135	8.6
Heart Disease.....	175	6.02	118	7.2	155	8.7	185	13.4	193	12.3
Broncho Pneumonia..	262	9.1	180	11.0	226	12.9	105	7.6	192	12.3
Pneumonia.....	112	3.8	35	2.1	37	2.1	33	2.3	36	2.3
Cancer.....	95	3.2	106	6.5	93	5.2	82	5.9	105	6.7
Diarrhoea (under 2).	408	14.0	131	8.0	149	8.5	129	9.3	87	5.5

INFANT MORTALITY.

An increase in the deaths of children between one and five years, a falling off of one death among infants under one year, a falling off of two of the deaths under one month, and 46 less stillbirths than in 1921, mark the features in connection with the statistical record of infant welfare work. Forty per cent of the deaths under one year were children under one month, and again we must record the fact that over one half of the infants dying under one year of age, were of Portuguese parentage, while 29 percent of the infant deaths were of native parentage.

The first month is by all odds, the most hazardous in the entire span of human life. It is easier to survive a year at age 65 than for a newborn infant to reach the age of one month. It is claimed that more than four percent of all the two and a half million live born babies in the United States die in this early period. Together the stillbirths and the deaths of infants under one month account for the deaths of more than 200,000 children in the United States.

Parentage of the 345 infant deaths in 1922 is classified as follows:

United States	100	..
Portuguese	173	
Canadian	24	
English	23	
Greek	4	
Polish	7	
Spanish	1	
Russian	3	
Austrian	2	
Syrian	2	
Irish	2	
Italian	2	
Albanian	2	

The infant death rate is shown in the following table:

		Births	Deaths Under 1	Rate
1889	. .	1178	217	184.21
1890	. .	1077	215	199.63
1891	. .	1350	282	208.88
1892	. .	1678	279	166.26
1893	. .	1647	350	212.50
1894	. .	1971	338	171.48

1895	.	.	1799	330	183.43
1896	.	.	2228	466	209.15
1897	.	.	2368	420	177.32
1898	.	.	2251	375	166.59
1899	.	.	2213	343	154.99
1900	.	.	2374	424	178.60
1901	.	.	2658	361	135.81
1902	.	.	2579	425	164.79
1903	.	.	2569	442	172.05
1904	.	.	2700	423	156.66
1905	.	.	2852	400	140.25
1906	.	.	3186	432	135.59
1907	.	.	3448	544	156.61
1908	.	.	3735	509	136.27
1909	.	.	4044	543	134.27
1910	.	.	3964	689	173.81
1911	.	.	4203	589	140.13
1912	.	.	3727	552	148.10
1913	.	.	3795	536	141.23
1914	.	.	3732	534	143.08
1915	.	.	3679	495	134.55
1916	.	.	3651	485	132.84
1917	.	.	3792	495	130.55
1918	.	.	4122	760	184.33
1919	.	.	3545	414	116.88
1920	.	.	3656	428	117.07
1921	.	.	3681	346	93.99
1922	.	.	3344	345	103.01

INFANT MORTALITY IN DETAIL

YEAR 1922		AGES											
		Total Deaths under 1 year	Under 1 day	1 day-2 days	2 days-3 days	3 days-1 week	1 week-2 weeks	2 weeks-3 weeks	3 weeks-1 month	1 month-2 months	2 months-3 months	3 months-6 months	6 months-9 months	9 months-12 months
January.....	27	9	1	2	1	2	1	0	3	1	3	2	2
February.....	31	6	1	1	2	0	2	1	2	1	2	9	4
March.....	39	6	0	1	1	1	0	1	2	2	7	11	7
April.....	39	3	2	1	2	6	3	1	5	2	5	4	5
May.....	24	1	1	1	1	3	3	1	0	1	3	4	5
June.....	18	5	1	1	1	1	1	1	1	0	1	4	1
July.....	14	5	3	0	1	0	0	0	1	0	3	1	0
August.....	28	5	0	1	1	1	0	0	3	2	7	5	3
September.....	41	8	3	0	0	2	0	1	2	2	11	10	2
October.....	31	2	0	1	1	0	1	2	3	5	4	5	7
November.....	25	2	2	1	1	3	0	0	0	1	7	2	6
December.....	28	5	5	0	1	1	1	0	3	2	5	4	1
Males.....	208	36	13	7	8	9	7	4	17	12	35	43	17
Females.....	137	21	6	3	5	11	5	4	8	7	23	18	26
	345	57	19	10	13	20	12	8	25	19	58	61	43

CAUSES OF DEATH UNDER ONE YEAR, 1922.

CLASSIFICATION NO.	Causes of Death	under 1 day	1 day-2 days	2 days-3 days	3 da.-1 wk.	1 wk.-2 wks.	2 wks-3 wks.	3 wks.-1 mo.	1 mo.-2 mos.	2 mos.-3 mos.	3 mos.-6 mos.	6 mos.-9 mos.	9 mos.-12 mos.	Total	
														M	F
9	Whooping Cough								1					1	
10	Diphtheria													1	
15	Cholera nostras										1				1
16	Dysentery										1				1
21	Erysipelas						1								1
31	Tuberculosis Pul.											3		2	1
32	T. B. Meningitis												4	1	3
38	Syphilis								2						2
41	Purulent infection					1	1			1				2	1
71	Simple meningitis										1			1	
74	Cer. hemorrhage	1		1										2	
80	Convulsions (under 5)		1	1							1	1	3	5	2
86	Disease of ears												1	1	
88	Acute endocarditis						1		1					2	
98	Disease of larynx											1		1	
99	Acute bronchitis								2	2	3	4	1	7	5
100	Broncho Pneumonia					1	2	1	1	2	17	25	26	40	35
101	Lobar Pneumonia											2		1	1
112	Other dis. of stomach								1					1	
113	Diarrhoea and enteritis					2		4	9	13	28	19	5	51	29
118	Intestinal obstruction				1								1	1	1
128	Acute Nephritis											1	1	2	
144	Puerperal hemorrhage				1										1
154	Other dis. of skin				1		1								2
159	Cong. malformation	5		2	3	2	1		1		2	1		12	5
160	Cong. debility	6	1	2		1		1	1			1		11	2
161a.	Premature Birth	27	8	3	2	5	3	1	1		1			32	19
b.	Injury at birth	1							4		1			3	3
162	Other causes	17	9	2	4	6	2	1	1					24	18
179	Burns											1			1
201	Fracture (not spec.)								1					1	
204	Sudden death												1		1
205	Ill defined					1				1	2		1	4	1

Males — 208

Females — 137

Total — 345

INFANT MORTALITY BY MONTHS.

	1915	1916	1917	1918	1919	1920	1921	1922
January.....	33	40	35	52	44	38	34	27
February.....	38	38	39	38	34	48	27	31
March.....	45	37	49	51	39	42	39	39
April.....	43	38	42	34	40	32	19	39
May.....	34	27	39	44	34	31	21	24
June.....	31	25	26	63	22	24	26	18
July.....	54	40	36	137	25	32	23	14
August.....	58	67	64	198	38	69	36	28
September.....	67	68	41	73	26	30	47	41
October.....	38	42	48	106	49	29	33	31
November.....	23	29	37	33	22	31	20	25
December.....	31	34	39	31	41	22	21	28
Total	495	485	495	760	414	428	346	345

CHILD MORTALITY, 1922.

	1 yr.	2 yrs.	3 yrs.	4 yrs.	Males	Females	Total
January.....	3	2	1	0	3	3	6
February.....	12	3	1	1	10	7	17
March.....	11	0	2	3	11	5	16
April.....	10	3	0	0	7	6	13
May.....	9	1	3	1	9	5	14
June.....	3	3	0	1	6	1	7
July.....	2	0	3	2	3	4	7
August.....	5	3	1	2	7	4	11
September.....	5	0	2	0	4	3	7
October.....	7	0	2	1	5	5	10
November.....	1	2	0	4	3	4	7
December.....	6	5	4	1	7	9	16
	74	22	19	16	75	56	131

BOARD OF HEALTH

The following is a monthly record of the work performed during the year:

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Contagious Diseases investigated	59	91	87	57	79	57	45	59	67	53	61	69
Houses Placarded	55	75	71	47	35	34	22	13	19	24	45	49
Rooms disinfected	69	66	86	72	57	45	45	30	25	32	34	54
Nuisances abated	44	58	80	48	74	50	40	38	46	6	20	70
Privy vault nuisances	0	0	0	2	1	4	3	2	3	1	0	0
Bakery inspections	41	61	41	27	31	46	55	34	13	19	7	38
Stables located	1	0	0	1	1	0	1	0	0	2	1	0
Stable inspections	154	69	131	188	70	108	125	110	43	31	35	106
Notices served	1	2	3	6	0	0	16	3	2	0	4	26
Yard inspections	2625	879	3395	3375	2434	1958	2040	2155	1351	767	887	2337
Tenement houses inspected	82	12	14	16	19	24	19	26	19	3	10	54
Tenement houses re-inspected	5	10	4	6	4	5	3	6	3	1	2	3
Swine nuisances	0	0	0	6	9	2	4	2	4	1	4	0
Inspection milk peddlers' plants	2	2	0	0	0	0	0	0	0	0	0	0
Dairy farms inspected	8	6	71	11	40	26	7	18	9	11	18	8
Milk plants inspected	30	0	2	5	35	10	9	13	11	6	5	8
Hen yard inspections	33	18	104	141	171	160	90	185	54	17	46	82
Milk samples taken	0	0	20	44	108	72	91	145	69	22	0	0
Birds reported by City Clerk.	299	242	298	275	268	290	274	282	280	333	233	292
Market and store inspections	230	459	424	249	201	415	220	238	170	60	111	288
Fire menaces reported	2	0	0	0	0	0	0	0	0	0	0	0
Ice cream plants inspected	14	36	11	29	12	8	7	14	5	4	0	24
Oculists' visits	128	127	237	49	124	153	132	98	146	118	97	138
Nurse's (O. N.) visits	47	46	52	76	81	53	53	74	92	31	38	55
Slaughtering inspections	148	115	145	101	141	183	136	74	108	82	119	98
Lunch carts and restaurant inspections	72	111	81	132	34	80	59	123	46	0	0	0
Hotel Kitchens Inspected	0	1	3	13	0	6	1	3	6	2	0	2
Sausage factories inspected	0	0	0	0	0	0	0	0	0	0	0	0
Cold storage plants inspected	0	0	0	1	0	0	0	0	0	0	0	0
Milk samples (for water test)	13	4	4	20	2	3	12	0	10	10	5	32
Bottling establishments inspected	0	11	22	27	19	25	25	26	11	7	5	0
Rats examined	360	366	384	291	306	361	310	383	385	384	447	413
Contagious dis. on dairy farms	0	0	1	0	0	0	0	0	0	0	0	0
Inspections at Sassaquin	0	0	0	0	0	69	0	0	0	0	0	0

During September and October the Sanitary Inspectors gave instructions to householders as to the care of garbage, visiting 9,715 families and inspecting 4,076 yards, not included in the above.

Expenditures — Contagious Diseases.

Tuberculosis :

New Bedford Sanatorium	\$71,271.33
Other Sanatoria	2,247.11
Outside Relief	1,062.03
St. Luke's Hospital	349.50
Union Hospital	121.75
T. B. Clinic	1181.76
Other Cities and Towns	1818.40
T. B. Maintenance	3005.54
	<hr/>
	\$81,057.42

Other Diseases :

Small Pox	318.46
Opthalmia Neonatorum	3258.38
St. Luke's Hospital	809.20
Isolation Hospital Maintenance	6685.67
Paid Other Cities	212.00
Outside Relief	63.33
Veneral Diseases	2569.89
	<hr/>
	\$13916.93

Reimbursements :

Subsidy T. B.	19127.02
Commonwealth of Mass. T. B.	5890.65
Commonwealth of Mass. C. D.	265.50
Cities and Towns T. B.	208.50
Cities and Towns C. D.	117.50
Other Sources	332.35
	<hr/>
	\$25941.52

Respectfully submitted,

WM. G. KIRSCHBAUM,
Agent and Executive Officer.

MORTUARY REPORT, 1922. (Continued).

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MORTUARY REPORT, 1922. (Continued).

CAUSE OF DEATH		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
I.	(Continued)													
27.	Anthrax .....	.	.	.	.	.	.	.	.	.	.	.	.	.
28.	Rabies .....	.	.	.	.	.	.	.	.	.	.	.	.	.
29.	Tetanus .....	.	.	.	.	.	.	.	.	.	.	.	.	.
30.	Mycoses .....	.	.	.	.	.	.	.	.	.	.	.	.	.
31.	Tuberculosis of the respiratory system	8	12	13	11	9	8	8	4	18	11	7	4	113
32.	Tuberculosis of the meninges and central nervous system	1	1	2	1	2	1	1	2	2	2	1	1	17
33.	Tuberculosis of the intestines and peritoneum ...	.	.	.	.	1	.	.	.	1	1	.	2	5
34.	Tuberculosis of the vertebral column .....	.	.	.	.	.	.	.	.	.	.	.	.	.
35.	Tuberculosis of the joints .....	.	.	.	.	.	.	.	.	.	.	.	.	.
36.	Tuberculosis of other organs:	.	.	.	.	.	.	.	.	.	.	.	.	.
	(a) Tuberculosis of the skin and subcutaneous cellular tissue .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	(b) Tuberculosis of the bones (vertebral column excepted) .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	(c) Tuberculosis of the lymphatic system (mesenteric and retroperitoneal glands excepted) .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	(d) Tuberculosis of the genitourinary system ....	.	.	.	.	.	.	.	.	.	.	.	.	.
	(e) Tuberculosis of organs other than the above ....	.	.	.	.	1	.	.	.	.	.	.	.	1
37.	Disseminated tuberculosis:	.	.	.	.	.	.	.	.	.	.	.	.	.
	(a) Acute .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	(b) Chronic .....	.	.	.	.	.	.	.	.	.	.	.	.	.
38.	Syphilis	1	.	.	.	.	1	1	.	1	.	.	.	4
39.	Soft chancre .....	.	.	.	.	.	.	.	.	.	.	.	.	.
40.	Gonococcus infection .....	.	.	.	.	.	.	.	.	.	.	.	.	.
41.	Purulent infection, septicemia	1	.	1	1	.	.	.	1	2	.	.	1	7
42.	Other infectious diseases ..	.	.	.	.	.	.	.	.	.	.	.	.	.
II	General Diseases Not Included Above													
43.	Cancer and other malignant tumors of the buccal cavity .....	.	.	.	.	.	.	1	.	.	.	.	1	2
44.	Cancer and other malignant tumors of the stomach and liver	4	3	4	3	2	.	1	4	2	4	2	1	30

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MORTUARY REPORT, 1922. (Continued).

CAUSE OF DEATH		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
II	(Continued)													
	(a) Leukemia				1									1
	(b) Hodgkin's disease ..													
66.	Alcoholism (acute or chronic)	1			1		1				1			4
67.	Chronic poisoning by mineral substances:													
	* (a) Chronic lead poisoning													
	* (b) Others under this title													
68.	Chronic poisoning by organic substances													
69.	Other general diseases ...													
111.	Diseases of the Nervous System and of the Organs of Special Sense													
70.	Encephalitis ..	1			1									2
71.	Meningitis (does not include meningitis specified as meningococcic, tuberculous, rheumatic, etc.):													
	* (a) Simple meningitis ..						1	1						2
	* (b) Nonepidemic cerebro-spinal meningitis ...			1										1
72.	Tabes dorsalis (locomotor ataxia)							1						1
73.	Other diseases of the spinal cord					1		3	2					6
74.	Cerebral hemorrhage, apoplexy:	14	17	19	6	7	7	6	13	11	11	20	15	146
	(a) Cerebral hemorrhage ..													
	(b) Cerebral thrombosis and embolism													
75.	Paralysis without specified cause:													
	(a) Hemiplegia													
	(b) Others under this title.											2		2
76.	General paralysis of the insane				1									1
77.	Other forms of mental alienation													
78.	Epilepsy											1		1
79.	Convulsions (nonpuerperal) (5 years or over) ..													
80.	Infantile convulsions (under 5 years of age) ..	1		1	1	1		2	1					7

MORTUARY REPORT, 1922. (Continued).

CAUSE OF DEATH		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
III	(Continued)													
81.	Chorea .....	.	.	.	.	.	.	.	.	.	.	.	.	.
82.	Neuralgia and neuritis ..	.	.	.	.	.	.	.	.	.	.	.	.	.
83.	Softening of the brain ...	.	.	1	.	.	.	.	.	.	.	.	1	2
84.	Other diseases of the nervous system .....	.	.	.	.	.	.	.	.	.	.	.	.	.
85.	Diseases of the eye and annexa .....	.	.	.	.	.	.	.	.	.	.	.	.	.
86.	Diseases of the ear and of the mastoid process: ;	.	.	.	.	.	.	.	.	.	.	.	.	.
	* (a) Diseases of the ear .	2	.	1	.	.	.	.	.	.	.	.	.	3
	* (b) Diseases of the mastoid process .....	.	.	.	.	.	.	.	.	.	.	.	.	.
IV.	Diseases of the Circulatory System													
87.	Pericarditis .....	.	.	.	.	.	.	.	.	.	.	.	.	.
88.	Endocarditis and myocarditis (acute)	2	9	7	1	1	2	1	.	.	2	2	6	33
89.	Angina pectoris	1	1	.	.	1	.	1	.	1	1	.	.	6
90.	Other diseases of the heart	10	17	28	26	10	16	6	12	24	12	17	9	187
91.	Diseases of the arteries:	.	.	.	.	.	.	.	.	.	.	.	.	.
	(a) Aneurysm .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	(b) Arteriosclerosis	8	7	8	12	6	5	6	1	4	5	4	13	79
	(c) Other diseases of the arteries .....	.	.	.	.	.	.	.	.	.	.	.	.	.
92.	Embolism and thrombosis (not cerebral)	2	.	1	.	2	.	.	4	1	.	.	.	10
93.	Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) .....	.	.	.	.	.	.	.	.	.	.	.	.	.
94.	Diseases of the lymphatic system (lymphangitis, etc.) .....	.	1	.	.	.	.	.	.	.	.	.	.	1
95.	Hemorrhage without specified cause .....	.	.	.	.	.	.	.	.	.	.	.	.	.
96.	Other diseases of the circulatory system .....	.	1	.	.	.	.	.	.	.	.	.	.	1
V.	Diseases of the Respiratory System													
97.	Diseases of the nasal fossae and their annexa: .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	(a) Diseases of the nasal fossae .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	* (b) Others under this title .....	.	.	.	.	.	.	.	.	.	.	.	.	.
98.	Diseases of the larynx ...	.	.	.	.	1	.	.	1	.	1	.	.	3

MORTUARY REPORT, 1922. (Continued).

CAUSE OF DEATH

V	(Continued)	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
		—	—	—	—	—	—	—	—	—	—	—	—	—
99.	Bronchitis:													
	(a) Acute .....	.	5	4	4	1	1	.	1	.	3	3	1	23
	(b) Chronic	1	1	.	.	.	.	2	.	2	.	.	.	6
	(c) Not otherwise defined (under 5 years of age) ..	.	.	.	.	.	.	.	.	.	.	.	.	.
	(d) Not otherwise defined (5 years and over) .....	.	.	.	.	.	.	.	.	.	.	.	.	.
100.	Bronchopneumonia (in- cluding capillary bronchi- tis):													
	*(a) Bronchopneumonia .	6	29	52	27	24	3	.	6	1	11	10	23	192
	*(b) Capillary bronchitis	.	.	.	.	.	.	.	.	.	.	.	.	.
101.	Pneumonia:													
	(a) Lobar .....	.	5	6	3	5	2	1	1	1	1	2	7	34
	(b) Not otherwise defined	1	1	.	.	.	.	.	.	.	.	.	.	2
102.	Pleurisy .....	.	.	.	.	2	1	.	.	.	1	.	.	4
103.	Congestion and hemor- rhagic infarct of the lung	.	1	5	2	1	4	.	.	1	.	2	2	18
104.	Gangrene of the lung ...	.	.	.	.	.	.	.	.	.	.	.	.	.
105.	Asthma .....	.	.	1	.	.	.	.	.	.	.	.	.	1
106.	Pulmonary emphysema ..	.	.	.	.	.	.	.	.	.	.	.	.	.
107.	Other diseases of the respi- ratory system (tuberculo- sis excepted):	.	.	.	.	.	.	.	.	.	.	.	.	.
	(a) Chronic interstitial pneumonia, including oc- cupational diseases of the lung .....	.	.	1	.	.	.	.	.	.	.	1	.	2
	(b) Diseases of the media- stinum .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	(c) Others under this title	.	.	.	.	.	.	.	.	.	.	.	.	.
VI. Diseases of the Digestive System														
108.	Diseases of the mouth and annexa .....	.	1	.	.	.	.	.	.	.	.	.	.	1
109.	Diseases of the pharynx and tonsils (including adenoid vegetations):	.	.	.	.	.	.	.	.	.	.	.	.	.
	*(a) Adenoid vegetations .	.	.	.	.	.	.	.	.	.	.	.	.	.
	*(b) Others under this title	.	.	1	.	.	2	.	1	.	.	.	.	4
110.	Diseases of the esophagus	.	.	.	.	.	.	.	.	1	.	.	.	1
111.	Ulcer of the stomach and duodenum:													
	(a) Ulcer of the stomach .	1	.	1	.	.	.	.	.	.	1	.	.	3
	(b) Ulcer of the duodenum	.	.	.	.	.	.	.	.	.	.	.	.	.
112.	Other diseases of the stom- ach (cancer excepted) ..	.	1	.	.	1	.	.	.	.	1	.	.	3

MORTUARY REPORT, 1922. (Continued).

CAUSE OF DEATH		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
VI	(Continued)													
113.	Diarrhea and enteritis (under 2 years of age) ..	6	3	1	4	3	1	2	16	23	15	10	3	87
114.	Diarrhea and enteritis (2 years and over) .....	.	.	.	.	.	2	.	1	1	.	.	1	5
115.	Ankylostomiasis .....	.	.	.	.	.	.	.	.	.	.	.	.	.
116.	Diseases due to other intestinal parasites:	.	.	.	.	.	.	.	.	.	.	.	.	.
	(a) Cestodes (hydatids of the liver excepted) .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	(b) Trematodes .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	(c) Nematodes (other than ankylostoma) .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	(d) Coccidia .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	(e) Other parasites specified .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	(f) Parasites not specified .....	.	.	.	.	.	.	.	.	.	.	.	.	.
117.	Appendicitis and typhilitis ..	.	.	.	.	1	.	.	2	3	1	1	4	12
118.	Hernia, intestinal obstruction:	.	.	.	.	.	.	.	.	.	.	.	.	.
	(a) Hernia	1	.	.	.	.	.	.	1	.	.	.	.	2
	(b) Intestinal obstruction ..	.	.	1	3	.	1	.	1	2	.	.	.	8
119.	Other diseases of the intestines .....	.	1	.	.	.	.	.	.	.	.	1	.	2
120.	Acute yellow atrophy of the liver .....	.	.	.	.	.	2	.	.	.	.	.	.	2
121.	Hydatid tumor of the liver ..	.	.	.	.	.	.	.	.	.	.	.	.	.
122.	Cirrhosis of the liver:	.	.	.	.	.	.	.	.	.	.	.	.	.
	(a) Specified as alcoholic ..	.	.	.	.	.	.	.	.	.	.	.	.	.
	(b) Not specified as alcoholic .....	.	1	.	.	1	.	2	.	3	1	2	.	10
123.	Biliary calculi .....	.	.	.	.	.	1	.	.	.	.	.	.	1
124.	Other diseases of the liver ..	2	.	.	.	.	.	.	.	1	.	.	.	3
125.	Diseases of the pancreas ..	.	.	.	.	.	.	.	.	.	.	.	.	.
126.	Peritonitis without specified cause .....	.	2	2	1	1	1	1	.	.	1	.	1	10
127.	Other diseases of the digestive system (cancer and tuberculosis excepted) ..	.	.	.	.	.	.	.	1	.	.	.	.	1
VII.	Nonvenereal Diseases of the Genitourinary System and Annexa													
128.	Acute nephritis (including unspecified under 10 years of age)	1	1	.	.	.	1	1	.	.	1	.	.	5
129.	Chronic nephritis (including unspecified 10 years and over)	6	3	8	5	9	1	4	6	1	6	5	2	56

MORTUARY REPORT, 1922. (Continued).

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[illegible]

CAUSE OF DEATH

[illegible]

MORTUARY REPORT, 1922. (Continued).

CAUSE OF DEATH		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
XIV	(Continued)													
187.	Accidental traumatism by machines .....	.	1	.	.	.	1	.	.	.	.	1	.	3
188.	Accidental traumatism by other crushing (vehicles, railways, landslides, etc.)	.	.	.	.	.	.	.	.	.	.	.	.	.
	* (a) Railroad accidents .	.	.	.	.	.	.	.	.	.	.	.	.	.
	* (b) Street car accidents	.	.	.	.	.	.	.	.	.	.	.	.	.
	* (c) Automobile accidents.	.	.	2	1	1	.	3	3	3	1	3	3	20
	* (d) Aeroplane and balloon accidents .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	* (e) Injuries by other vehicles .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	* (f) Landslide, other crushing .....	.	.	.	.	.	.	.	.	.	2	.	.	2
189.	Injuries by animals (not poisoning .....	.	.	.	.	.	.	.	.	.	.	.	.	.
190.	Wounds of war .....	.	.	.	.	.	.	.	.	.	.	.	.	.
191.	Execution of civilians by belligerent armies .....	.	.	.	.	.	.	.	.	.	.	.	.	.
192.	Starvation (deprivation of food or water) .....	.	.	.	.	.	.	.	1	.	.	.	.	1
193.	Excessive cold .....	.	.	.	.	.	.	.	.	.	.	.	.	.
194.	Excessive heat .....	.	.	.	.	.	.	.	.	.	.	.	.	.
195.	Lightning .....	.	.	.	.	.	.	.	.	.	.	.	.	.
196.	Other accidental electric shocks .....	.	.	.	.	.	.	.	.	.	.	.	.	.
197.	Homicide by firearms ....	.	.	.	.	.	.	.	.	.	1	1	.	2
198.	Homicide by cutting or piercing instruments ...	.	.	.	.	.	.	.	.	1	.	.	.	1
199.	Homicide by other means.	.	.	.	.	.	.	.	.	.	.	.	.	.
200.	Infanticide (murder of infants less than one year of age) ff .....	.	.	.	.	.	.	.	.	.	.	.	.	.
201.	Fracture (cause not specified) .....	.	1	.	1	.	.	.	.	.	.	.	.	2
202.	Other external violence (cause specified)	1	.	.	.	.	1	.	.	.	.	.	.	2
203.	Other external violence cause not specified) ....	.	.	.	.	.	.	.	.	.	.	.	.	.
XV.	Ill-defined Diseases													
204.	Sudden death .....	.	.	.	1	.	.	.	.	.	.	.	.	1
205.	Cause of death not specified or ill-defined: .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	* (a) Ill-defined .....	.	.	.	2	4	.	.	.	1	1	1	1	10
	* (b) Not specified or unknown .....	.	.	.	.	.	.	.	.	.	.	.	.	.
ff (This title to be omitted when homicides are shown by ages under Titles 197-199).														

117 165 199 157 121 91 83 114 136 123 115 139 156

Respectfully submitted

EDNA E. WRIGHT, clerk.

BOARD OF HEALTH

37

DEATHS BY AGES, 1922.

	JAN.		FEB.		MAR.		APR.		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 day.	6	3	3	3	6	.	3	.	1	.	1	4	4	1	3	2	5	3	2	.	2	2	3	36	21	
1-2 days . .	1	.	.	1	.	.	2	.	1	.	1	3	.	.	1	2	.	.	2	.	3	2	13	6		
2-3 days . .	2	.	.	1	1	.	1	1	1	.	1	.	.	1	.	.	1	.	1	.	.	.	7	3		
3 days-1 wk.	.	1	2	.	1	.	1	1	1	1	.	1	1	.	1	.	.	1	.	1	1	.	8	5		
1-2 wks. . .	2	.	.	.	1	3	3	1	2	1	.	.	.	.	1	1	1	.	1	2	.	1	9	11		
2-3 wks. . .	1	.	2	.	.	1	2	2	1	.	1	.	.	.	.	.	.	1	.	.	1	.	7	5		
3 wks.-1 mo.	.	.	.	1	.	1	.	1	1	1	.	.	.	.	.	1	2	.	.	.	.	.	4	4		
1-2 mos. . .	3	.	1	1	2	.	3	2	.	.	1	.	1	2	1	1	1	3	.	.	2	1	17	8		
2-3 mos. . .	.	1	1	.	2	.	1	1	1	.	.	.	2	.	1	1	2	3	1	.	1	1	12	7		
3-6 mos. . .	1	2	2	.	4	3	4	1	2	1	1	1	2	4	3	8	3	2	2	5	2	1	4	35	23	
6-9 mos. . .	1	1	4	5	10	1	3	1	3	1	4	.	1	.	4	1	6	4	3	2	1	1	3	1	43	18
9-12 mos. .	1	1	1	3	5	2	.	5	1	4	1	.	.	1	2	.	2	4	3	2	4	1	.	17	26	
1-2 yrs. . .	1	2	7	4	9	2	5	5	7	2	3	.	1	1	3	2	2	3	3	4	1	.	2	4	44	29
2-3 yrs. . .	2	.	2	2	.	.	2	1	.	1	2	1	.	1	2	.	.	.	.	1	1	3	2	13	10	
3-4 yrs. . .	.	1	.	1	1	1	.	.	2	1	.	.	2	1	1	.	2	.	2	.	.	2	2	12	7	
4-5 yrs. . .	.	.	1	.	1	2	.	.	1	1	.	.	2	2	.	.	.	.	1	1	3	.	1	6	10	
5-10 yrs. . .	3	.	2	6	1	1	2	3	3	3	1	1	.	3	2	2	2	1	3	.	1	2	5	1	25	23
10-15 yrs. .	2	1	1	1	2	2	1	.	.	1	.	1	4	.	1	.	.	.	1	.	.	.	.	11	7	
15-20 yrs. .	.	.	1	2	4	5	1	3	1	1	.	.	2	.	1	2	.	2	2	1	.	.	2	14	16	
20-25 yrs. .	.	.	.	3	3	2	2	1	2	3	4	3	2	1	1	2	3	2	2	3	1	.	1	.	21	20
25-30 yrs. .	1	1	4	1	4	1	.	1	.	1	1	3	.	4	1	.	1	2	2	.	4	2	2	1	20	17
30-35 yrs. .	1	1	3	6	4	5	1	4	3	1	1	.	.	2	1	2	3	6	4	.	2	2	3	1	26	30
35-40 yrs. .	.	2	2	1	3	1	2	.	4	1	2	1	2	1	1	5	4	.	1	.	1	1	3	21	17	
40-45 yrs. .	3	.	1	1	3	5	.	1	5	2	3	4	6	1	.	7	1	5	3	1	.	.	4	2	29	29
45-50 yrs. .	3	7	2	7	7	2	1	1	3	1	2	2	4	2	2	2	3	2	5	1	4	4	2	3	38	34
50-55 yrs. .	1	4	1	2	3	3	8	8	2	5	1	3	2	.	2	3	1	4	6	3	2	1	3	2	32	38
55-60 yrs. .	2	5	7	7	2	5	6	4	1	4	1	.	1	1	3	2	4	1	5	1	3	5	8	5	43	40
60-65 yrs. .	3	4	8	3	12	7	6	10	2	5	1	4	1	3	6	.	6	1	2	4	4	5	2	7	53	53
65-70 yrs. .	3	9	5	9	9	3	5	9	2	3	4	7	4	4	2	5	5	6	6	1	9	8	2	8	56	72
70-75 yrs. .	6	4	2	5	10	7	4	6	3	5	2	5	3	4	5	9	5	3	6	.	4	3	2	4	52	55
75-80 yrs. .	4	5	9	4	4	8	3	4	4	3	2	.	2	1	.	3	4	4	7	6	2	4	5	7	46	49
80-85 yrs. .	.	6	6	1	6	5	1	1	2	5	2	4	1	1	1	1	3	1	2	2	5	1	.	6	29	34
85-90 yrs. .	.	2	2	2	1	4	.	4	1	.	.	1	.	.	2	.	2	.	1	1	.	1	.	3	9	18
90-95 yrs. .	.	.	.	.	.	.	1	.	.	1	.	.	.	.	.	.	1	.	.	.	1	.	.	.	2	2
95-100 yrs. .	.	1	.	.	.	.	.	1	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	3
100 yrs. . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Whole No. . .	117	165	199	157	121	91	83	114	136	123	115	139	1560													
male female	53 64	82 83	120 79	72 85	60 61	43 48	46 37	54 60	78 58	81 42	59 56	62 77	810 750													
Stillborn . .	5	2	6	2	6	6	8	9	2	2	4	6	10	4	9	4	9	5	10	3	5	5	14	3	88	51
White	51	62	79	80	114	73	67	81	54	59	37	45	45	33	51	58	70	55	72	37	57	54	61	75	757	713
Colored . . .	2	2	4	2	6	6	5	4	6	2	6	3	1	4	3	2	8	3	8	5	2	2	1	2	52	37
Indian . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Yellow . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.
Non Res. . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	61	.

General Death Rate
Adjusted Death Rate

12.23 plus
11.72 plus

Respectfully submitted,

EDNA E. WRIGHT, Clerk.

REPORT OF DIRECTOR OF FIELD WORK.

New Bedford, January 1, 1923.

To the Board of Health:

LL

Gentlemen:

I herewith submit my report for the year ending December 31, 1922. ...

It is gratifying to all who are interested in the work that is being done to control tuberculosis of the lungs to see the steady decline in the death rate due to this disease during the past twenty years. These are the years that have been marked by the greatest activity on the part of those who have been seeking to lessen the ravages of this disease, and we can but believe that their efforts have been the chief factor at work in bringing about this reduction in mortality.

New Bedford is equipped with almost all the agencies that are deemed essential for the control of tuberculosis. We have a clinic free to all; a Sanatorium, where active cases needing hospital care can be given treatment; nurses whose duties are those of follow-up work; and open air schools. **The only thing that is lacking is a preventorium** where all children who show suspicious symptoms could be cared for until their resistance would be built up sufficiently to give them immunity to active trouble. Until such provision is made for the care of suspicious cases, we must leave them to the care of open air schools. One step in advance has been recently made with respect to the treatment given the children in these schools. They are now brought to the clinic once a month by their teachers. This insures a monthly examination for the children and puts the teacher in possession of valuable information that enables her to better do the work assigned to her.

Our tuberculosis nurses have 972 persons under their supervision. Of these 514 are active pulmonary cases; 252 are arrested; 163 are suspicious and 43 have forms of tuberculosis other than pulmonary. During the year our three nurses not only attended the three weekly clinics, but made 8065 visits, giving bedside care to 56 patients.

Until a short time ago the Board of Health was responsible only for the care of persons suffering from pulmonary tuberculosis; now it is taking care of persons suffering from all forms of this disease. This is but a logical step in the right direction as tuberculosis is a constitutional disease, its **local manifestation** being in the lungs or elsewhere. Now

we can hope to work more effectively with the children who have bone or glandular trouble. They can be taken regularly to the Sanatorium for treatment by the Alpine lamp which promises much good in such cases.

The reports of the parochial school nurses are given elsewhere and show what they are doing for the children in the schools to which they are assigned. Through the influence of the nurses, scales have been introduced into more than half of the schools and the children are being weighed regularly and their weights recorded. We hope in time to have scales in all the parochial schools.

There are now six dental hygienists employed by the Board to give prophylactic treatments to the children in the primary grades in our public and parochial schools. Besides cleaning the teeth of the children, they give talks on oral hygiene and instruct the children in the proper use of the toothbrush. During the year 15,562 prophylactic treatments were given, 1710 children having their teeth cleaned during the summer vacation. Through the influence of our hygienists thousands of children not having tooth brushes have been induced to provide themselves with them and use them.

One great need, however, is yet to be met - - the proper care of the six year molars. Now that we can extend our work to all the primary grades and to the children in the kindergardens we shall save these important teeth for thousands of the children. There are, however, all too many whose molars are decayed and need immediate attention to save them. Our already overcrowded dental clinics cannot take care of these children. What we need is a full time dentist with a portable equipment who could follow the dental hygienists and do the filling that is needed to save to the children these highly important teeth.

The infant welfare work has continued along the same lines as heretofore with only two changes. A clinic is held weekly at the Cedar Grove St. School, thus increasing the number of our clinics to six each week. Through an arrangement with the Instructive Nursing Association our prenatal work has been taken over by it. Since this arrangement was made more than 300 expectant mothers have been turned over to the care of this Association. This leaves the nurses of our force free to give their time and attention wholly to the care of infants.

During the year the infant welfare nurses made 48,088 visits. Despite many days of unfavorable weather the at-

tendance at the clinics was greater than during the preceding year. It was 8,467 and this represents the attendance of 1293 different babies. Mothers representing from ten to thirteen nationalities brought their children to the clinics, the Portuguese exceeding all others in number.

Had there been any increase in the birth rate the mortality rate for 1922 would be lower than it was in 1921. As the number of births were less, the rate will be higher. There was, however, no increase in the number of deaths of infants under one year. On the contrary, there was a gain of one for the record of the year. New Bedford is, I believe, the only city of its size in the commonwealth that had as few deaths of infants under one year in 1922 as in 1921. There were 3344 live births in 1922 and 345 deaths of infants under one, making our infant mortality rate 103.01.

During 1922, 345 infants under one year died and of these 139 lived less than a month. Just why so many infants die during the first month, no one seems to know. The high mortality during the first month holds true irrespective of difference of economic conditions. An earnest effort is being made to discover the causes of these deaths and until they are known we must redouble our efforts to secure the best possible prenatal and obstetrical care on the assumption that these are important factors in the solution of the problem.

Dr. Senesac's services have been of great value. During the year 133 babies were referred to him and resulted in his making 218 calls.

The reduction of infant mortality in our city is the most difficult of all our health problems. Could mothers be persuaded to give themselves to the care of their infants for the first two years or even for the first year there would be an astonishing drop in the mortality rate. As it is, the mother weans her child prematurely and goes to work just when her care is most needed. Experiments have shown that artificial feeding is connected with a high mortality of infants. Breast fed babies have a much better chance of life and build up a resistance to disease that artificially fed babies have not. Our work must of necessity make slow progress until the right of the infant to its natural food and to its mother's care is guaranteed it.

It has been my privilege to give addresses on health topics to clubs and in the schools. My main object has been to ex-

plain the nature of public health work and to remove prejudices that might exist against the use of vaccines and anti-toxin.

Respectfully submitted,

W. B. GEOGHEGAN,
Director of Field Work.

REPORT OF INSPECTOR OF MILK AND PROVISIONS.

New Bedford, January 1, 1923.

To the Board of Health:

Gentlemen:

I herewith submit my report as Inspector of Milk and Provisions for the year 1922.

During the year 712 store licenses and 90 team licenses for the sale of milk and 62 store licenses and 3 team licenses have been issued for the sale of oleomargarine, making a total of 867 licenses for which a fee of 50 cents each has been collected and the same paid over to the City Treasurer and his receipts therefor taken and placed on file.

The disturbed industrial conditions have resulted in many farmers applying for license to sell their own milk and in this way has greatly increased the number of licensed dealers. This condition has evidently reached its height and a reaction will likely soon set in. The various dealers' plants and producers' premises have been inspected from time to time throughout the year as occasion demanded, - - especial attention being paid to those in poor condition.

The sausage factories have all been inspected and a report made to the Board of Aldermen before a license is granted by that body; also at various times during the year they have been visited and suggestions made along the line of cleanliness where needed. The bake shops have all been inspected and many changes along the line of cleanliness and conformity to law have been ordered and put into effect. The cold storage plant has been inspected as the law requires and the hotel kitchen has been inspected from time to time.

Respectfully submitted,

H. B. HAMILTON,

Inspector of Milk and Provisions.

REPORT OF ASSISTANT INSPECTOR OF MILK AND PROVISIONS.

New Bedford, January 1, 1923.

To the Board of Health:

Gentlemen:

I herewith submit my report for the year ending December 31, 1922. During the month of February the inspection of bottling establishments was taken up. Since February 21st one hundred and fifty-nine (159) inspections were made.

Number of ice cream establishments — thirty inspections. At the first inspection the sources of supply of cream, milk and ice of each establishment were ascertained.

Number of dairy inspections — eight.

At the suggestion of Agent Kirschbaum, the subject of the examination of rats was discussed. January 3rd active work was started; two men being employed as trappers. Approximately five thousand rats have been trapped and brought to the Laboratory for examination. Each rat is tagged and separately examined and records made of conditions found. Several diseases have been found among which were Pulmonary Tuberculosis and other respiratory conditions; up to present time no evidences of Bubonic Plague have been found.

Respectfully submitted,

C. S. STIRRETT, D. V. M.

Assistant Inspector Milk and Provisions.

REPORT OF MEDICAL INSPECTOR.

New Bedford, January 1, 1923.

To the Board of Health:

Gentlemen:

My report as medical inspector and attending physician to contagious cases is herewith submitted:

Cultures taken 745.

Scarlet Fever Releases 218.

Typhoid Fever Investigations 20

T. B. Diagnosed 92

Investigated 68 other cases.

Signed death certificates for 13 deaths, there being no attending physician at time of death.

Made 218 calls to sick babies; also made 72 calls to other patients for the department.

Respectfully submitted,

A. N. SENESAC,

Medical Inspector for the Board.

TUBERCULOSIS CLINIC.

New Bedford, January 1, 1923.

To the Board of Health:

Gentlemen:

I herewith submit my annual report as Chief of the Tuberculosis Clinic:

No. of Patients Examined,	2581
No. of re-examinations,	2074
No. of new Pulmonary cases,	130
No. of suspicious cases,	113
Not Tuberculosis,	287
T. B. Glands,	31
T. B. Bones,	1
T. B. Kidney,	1
Sanatorium advised,	162
Home Treatment advised,	9
Referred to Public Health Nurses,	266
Arrested cases,	4

Respectfully submitted,

JOHN M. WISE, M. D.,
Chief of Clinic.

REPORT OF VENEREAL DISEASE CLINIC.

New Bedford, January 1, 1923.

To the Board of Health:

Gentlemen:

I hereby submit my annual report as Chief of the Venereal Disease Clinic:

	Male.	Female.
New Admissions	154	89
Gonococcus infection	67	11
	<hr/>	<hr/>
Total admissions during year	221	100
Number of patients discharged:		
Probably cured	30	
With permission	40	
Without permission	49	
	Male.	Female.
Number of visits for treatment and advice	4001	1450
Number of asphenamine treats	913	325
Number of Wasserman tests	320	130
Number of examinations for the Gonococcus	56	
Patients referred to other Agencies	50	

Respectfully submitted,

A. H. MANDELL, M. D.

DENTAL CLINIC REPORTS.

New Bedford, January 1, 1923.

To the Board of Health -

Gentlemen :

Following is a summary of the work performed at the John H. Clifford School Dental Clinic, for the year ending December 22, 1922 :

Fillings - Amalgam	755	
" - Cement and amalgam	25	
" - Copper Cement	186	
" - Cement	149	
" - Synthetic	181	
" - Sterident	5	
" - Oxyphos and Points	16	
		1296 fillings
Extractions - temporary teeth	2305	
Extractions - permanent teeth	303	
		2608 extractions
Cleanings		231
Howe Silver Treatments		176
Treatments		174

Respectfully submitted,

FLORENCE PIERCE PERRY,

Dental Assistant.

JOHN GIBBONS, D. M. D.,

Chief Dental Clinic.

Following is a summary of the work performed at the Robert C. Ingraham School Dental Clinic for the year ending December 22, 1922:

Fillings - Amalgam	702
" - Amalgam and Cement	150
" - Cement 	228
" - Synthetic 	139
Howe Silver Treatment and Cement and Silver Fillings	147
Treatments 	312
Eugenol Paste and Silver Fillings	144
Temporary Teeth Extracted	1367
Permanent Teeth Extracted	258

.. Respectfully submitted,

LOUISE B. WRIGHT,
Dental Assistant.

JOHN GIBBONS, D. M. D.,
Chief Dental Clinic.

OCULIST'S REPORT.

New Bedford, January 1, 1923.

To the Board of Health:

Gentlemen: ..

I herewith submit the following report as Oculist to the Board for the year 1922.

Number of visits	1495
Number of cases of Ophth. Neon.	18
Number of cases of Supp. Conj.	133
Number of cases of Acute Conj.	15
Number of cases of Phlyctenular Conj.	5
Number of cases of Phlyctenular Keratitis	7
Number of cases of Eczematous Conj.	10
Number of cases of Blapharitis and Conj.	8
Number of cases of Keratitis	2
Number of cases of Cellulitis	2

All cases have resulted in no impairment of vision.

Respectfully submitted,

..... ALPHONSE NORMANDIN, M. D.

REPORT OF BACTERIOLOGIST.

New Bedford, January 1, 1923.

To the Board of Health:

Gentlemen:

I herewith submit my report for the year ending December 31, 1922:

Diphtheria:

Whole number of cultures examined	980
Whole number of cultures positive	127
Whole number of cultures negative	846
Whole number of cultures unsatisfactory	7

Tuberculosis Pul.:

Whole number of specimens examined	137
Whole number of specimens positive	41
Whole number of specimens negative	88
Whole number of specimens unsatisfactory	8

Tuberculosis Pul., N. B. Sanatorium:

Whole number of specimens examined	151
Whole number of specimens positive	116
Whole number of specimens negative	29
Whole number of specimens unsatisfactory	6

Typhoid Fever:

Whole number Widal reaction	12
Whole number positive	2
Whole number negative	10

Gonococcus - - Smear:

Whole number, Clinic	58
Whole number, Private	12

Respectfully submitted,

A. H. MANDELL, M. D.,
Bacteriologist.

REPORT OF PAROCHIAL SCHOOL NURSES

New Bedford, January 1, 1923.

To the Board of Health:

Gentlemen:

Following is the report of the parochial school nurse of the North district for the past year:

Number of schools under supervision	5
Number of visits to schools	217
Number of visits to homes	450
Number of cases of defective vision	182
Number of cases of blepharitis	19
Number of cases of defective eyes	13
Number of cases of hordeolum	17
Number of cases of tonsilitis	11
Number of cases of impetigo	100
Number of cases of scabies	17
Number of cases of tinea	16
Number of cases of furunculosis	29
Number of cases of anaemia	5
Number of cases of otitis media	22
Number of cases of defective hearing	9
Number of cases of cervical adenitis	13
Number of cases of enuresis	7
Number of cases of eczema	9
Number of cases of Tuberculosis	5
Number of cases having tubercular tendencies	14
Number of cases of malnutrition	6
Number of cases of chorea	11
Minor cases investigated and cared for not included in above	204
Miscellaneous cases not included in above	96
Number of cases of defective vision where glasses were obtained	75
Number of cases of enlarged tonsils and adenoids where operations were performed	136
Number of cases of defective teeth where treatment was given	304
Assisted medical inspector with school examinations in four schools.	

Assisted Dr. Doran with Schick test in five schools.

Weighing and measuring children in three schools monthly and reweighing underweights bi-monthly.

I wish to thank the parents, teachers, St. Luke's clinics, City Mission, Dental Clinics and all others for their kind cooperation.

Respectfully submitted,

MARY L. SHER.

New Bedford, January 1, 1923.

To the Board of Health:

Gentlemen:

Following is the report of the parochial school nurse for the South district for the past year:

Number of schools under supervision	5
Number of visits to homes	419
Number of visits to schools	195
Number of cases of tinea	29
Number of cases of impetigo	136
Number of cases of furunculosis	26
Number of cases of eczema	46
Number of cases of scabies	15
Number of cases of defective vision	125
Number of cases of hordeolum	14
Number of cases of blepharitis	5
Number of cases of defective eyes	10
Number of cases of defective hearing	10
Number of cases of otitis media	8
Number of cases of malnutrition	4
Number of cases of enlarged tonsils and adenoids	201
Number of cases of amical adenitis	8
Number of cases of bronchitis	3
Number of cases of tuberculosis	2
Number of cases having tubercular tendencies	6
Number of cases investigated and cared for not included in the above	283
Number of cases of defective vision where glasses were obtained	78
Number of cases of defective teeth treated either by own dentists or clinics	304
Number of cases of enlarged tonsils and adenoids where operations were performed	115
Assisted Dr. Croacher with Schick test in five schools.	
Pupils weighed and measured in three schools monthly and underweights bi-monthly.	

I wish to thank the parents, teachers, City Mission, St-Luke's Hospital Clinics, Dental Clinics and all others for their kind co-operation.

Respectfully submitted,

BERYL I. ROSS, R. N.,

REPORT OF INSPECTOR OF SLAUGHTERING.

New Bedford, January 1, 1923.

To the Board of Health:

Gentlemen:

My report as Inspector of Slaughtering for a portion of year 1922 follows:

Number of beef cattle slaughtered	177
Number of hogs slaughtered	57
Number of calves slaughtered	606
Number of sheep slaughtered	10

Of the beef cattle 14 were condemned, of the calves 3 were condemned as unfit for food of the swine and sheep none were condemned. The above were slaughtered previous to July 15th when the regular inspection was taken over by Edgar E. Cory, I acting only as Referee in case of any dispute.

Respectfully submitted,

H. B. HAMILTON

New Bedford, January 1, 1923.

To the Board of Health:

Gentlemen:

I began my duties as Inspector of Slaughtering July 15th and since that time I have the following report to make.

I have inspected for slaughter 455 calves, 113 beef cattle, 39 hogs and 1 sheep. I have condemned 4 beef cattle and 1 calf, the last named for immaturity.

Respectfully,

EDGAR E. CORY,
Inspector of Slaughtering.

REPORT OF PLUMBING INSPECTORS.

New Bedford, January 1, 1923.

To the Board of Health:

Gentlemen:

Following is the work performed by the Inspectors of Plumbing for the year ending December 31, 1922:

Inspections, including investigations of nuisances, defective plumbing and relief valves, 6,138.

Respectfully submitted,

WILLIAM DEACON,
Inspector of Plumbing.

REPORT OF SUPT. OF GARBAGE PLANT.

New Bedford, January 1, 1923.

To the Board of Health

Gentlemen:

We submit herewith our report for the year ending December 31, 1922:

Total Garbage Treated, 9134 tons.

All small animals delivered are included in the garbage tonnage shown above.

Respectfully submitted,

A. M. THRESHER,

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Report of Plumbing Inspectors	51
Report of Superintendent of Garbage	52
Report of Tuberculosis Clinic	44
Report of Venereal Disease Clinic	45
Schick Test	11-12
Tuberculosis	8-9-10-38
Typhoid Fever	7-8

ANNUAL REPORT BOARD OF HEALTH
FOR THE YEAR 1922

in Board of Aldermen,

Received, ordered printed in the City Documents and
sent down for concurrence.

RODOLPHUS A. SWAN, City Clerk.

In Common Council,

May 10, 1923.

Concurred.

HAROLD WINSLOW, Clerk.

Annual Report

OF THE

Inspector of Animals

TO THE CITY COUNCIL

For the Year 1922



A. E. COFFIN PRESS—PRINTERS
NEW BEDFORD, MASS.
1923.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

February 8, 1923.

Received, ordered printed in City Documents and sent
down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

February 8, 1923.

Concurred.

HAROLD WINSLOW,

Clerk.

ANNUAL REPORT

January 1st, 1923.

To the Mayor and Board of Aldermen:

Gentlemen:

My report as Inspector of Animals for the City of New Bedford for the year 1922 is herewith submitted. An examination of all cattle, sheep, swine and goats was made during January and February by order of the Director of Animal Industry, and a detailed report as to their health and conditions was made to him immediately, on completion of the work. There was at that time 544 cows, 130 other cattle, 233 pigs and 5 sheep and a few goats, all of which were in good health and comfortably housed. Only one case of Rabies has developed during the year and while every effort was made to trace its source it could not be found and no other cases developed. There were quite a number of suspicious cases but none developed positive symptoms. No cases of Glanders have developed during the year and only 4 cases of Tuberculosis in cows have come to my attention which have been properly disposed of. There have been the usual number of out of state cases coming here mostly from New York and New Jersey, all of which are under quarantine until identified and released. This duty the Inspector of Animals has attended to as the occasion required. No cases of Hog Cholera have been reported during the year.

Respectfully submitted,

H. B. HAMILTON,

Inspector of Animals.

Annual Report

OF THE

Inspector of Wires

TO THE CITY COUNCIL

For the Year 1922



NEW BEDFORD:
THE BAKER MFG. CO., Printers
1923

ANNUAL REPORT

New Bedford, January 30, 1923.

To His Honor the Mayor and City Council of the City of
New Bedford.

Sirs:—I respectfully submit my annual report of this
department, from November 30, 1921 to December 1,
1922.

INSPECTION OF INSIDE WIRING.

During the year have made 7926 inspections.
Have issued to the N. B. Gas & Ed. Light Co. 3516
permits to connect electric services.
Sent out to contractors and property owners 3193 reports
on defective wiring.
Have issued 1941 certificates on rough work.
Have superintended electrical work in the Clarence A.
Cook, Mt. Pleasant, Charles S. Ashley, Phillips
Ave., Congdon, Dunbar, Dartmouth St., Clifford and
Cedar St. Schools. Also the Veteran Firemen's
Station and the old Willis St. Police Station.

REMOVAL OF OVERHEAD WIRES AND CONSTRUCTION.

On January 13, 1922, after a meeting of the Inspector
of Wires, City Engineer and Superintendent of Streets,
the following letter was sent to the Mayor and Board
of Aldermen:—

Gentlemen:—

The undersigned met on January 13, in accordance with Section 3, Chapter 335 of the Acts of 1914 and voted to recommend the following streets to you for action in ordering the removal of poles and wires this year.

Willis St.....Purchase to County.....	958.63 ft.
Campbell St...Purchase to County.....	1036.69 ft.
Smith St.....Walden to County.....	245.68 ft.
Sycamore St...Pleasant to County.....	936.31 ft.
Thomas St....Maxfield to Sycamore.....	279.85 ft.
Walden St....Maxfield to Smith.....	518.59 ft.
State St.....Maxfield to Willis.....	909.32 ft.
Pearl St.....Purchase to County.....	935.19 ft.
<hr/>	
Total.....	5820.26 ft.

City of New Bedford,
In Board of Aldermen,
February 8, 1922.

Whereas, under the provisions of Chapter 335 of the Acts of 1914, due notice has been given and a hearing has been held by this Board, it is hereby

Ordered, That all telegraph, telephone, electric light, electric motor or power, and all other wires, cables and conductors in and above the hereinafter designated streets, and all poles and structures in said streets used for the support of the same, excepting such structures, poles, cables, wires and conductors as are excepted by said chapter 335, Acts of 1914, shall be removed within the time named in said Chapter, or that said wires, cables or conductors shall be placed, maintained and operated in underground conduits.

Locations for said underground conduits shall be petitioned for in accordance with the provisions of Chapter 335, Acts of 1914, and all Acts in addition thereto or amendment thereof.

The streets or parts of streets designated and affected by this order are as follows to wit:—

Willis St.....Purchase to County.....	958.62 ft.
Campbell St...Purchase to County.....	1036.69 ft.
Smith St.....Walden to County.....	245.68 ft.
Sycamore St...Pleasant to County.....	936.31 ft.
Thomas St....Maxfield to Sycamore.....	279.85 ft.
Walden St.....Maxfield to Smith.....	518.59 ft.
State St.....Maxfield to Willis.....	909.32 ft.
Pearl St.....Purchase to County.....	935.19 ft.

Total.....5820.26 ft.

And the City Clerk is hereby directed to serve notice of the adoption of this order upon the owners of all wires, cables or conductors in and above said streets, and all poles and structures in said streets for the support of the same, by mailing to each of said owners by U .S. registered letter mail, an attested copy of this order.

And the City Clerk is hereby further directed to cause this order to be recorded in the book of Location Order Records, as provided in Chapter 509, Acts of 1911, and to furnish a copy of this order to the Inspector of Wires, City Engineer and the Supt. of Streets of the City of New Bedford.

IN BOARD OF ALDERMEN, Adopted and ordered recorded in the Book of Location Order Records, February 8, 1922.

A true copy attest.

RODOLPHUS A. SWAN,
City Clerk.

OUTSIDE WORK.

During the year I have investigated and reported to the Mayor and Board of Aldermen on 365 petitions of wire using companies, involving 741 poles and 41 conduits.

POLICE SIGNAL SYSTEM.

During the year there have been 8 new police boxes added to the system and 5 boxes relocated. This work required the extension of overhead line construction for a distance of five miles. Overhead line has been removed for a distance of 600 feet.

On the night of April 18, the police box at Sixth and Madison St. was knocked down and destroyed. This location has been abandoned.

All of the boxes have been repainted and a new storage battery installed on the system. There are 74 police boxes, 4 official telephones and two flashlights in service.

The recommendations made last year are still more urgent this year and are again mentioned.

1st. A desk is needed at the Weld St. Station to relieve the Centre Station, which receives between 1200 and 1300 duty calls every 24 hours.

2nd. Signal lights to notify patrolmen on their beats to call the Central Station, would greatly increase the efficiency of the Police Department.

Very truly yours,

WM. P. BRIGGS,

Inspector of Wires.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

Jan. 11, 1923.

Received, ordered printed in City Documents for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

Jan. 11, 1923.

Concurred.

HAROLD WINSLOW,

Clerk.

The Seventy-first Annual Report
OF THE
TRUSTEES
OF THE
FREE PUBLIC LIBRARY

CITY OF NEW BEDFORD
MASSACHUSETTS

For the Year 1922.



NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS—PRINTERS
1923

TRUSTEES' REPORT

*To the Honorable, the City Council of the City of New
Bedford, Mass.*

The trustees present their seventy-first annual report to the City Council in the Report of the Librarian, which has been adopted by the Board.

Respectfully submitted,

BOARD OF TRUSTEES,

GEORGE H. TRIPP,

Clerk of the Board.

LIBRARIAN'S REPORT

To the Trustees of the Free Public Library:

Gentlemen:—

In rendering the Seventy-first Annual Report of the Library, it seems appropriate to divide the report into sections, giving first the Resources and Additions, then the Activities of the year, then the Needs, and General Remarks in conclusion.

The past year has brought the contents of the Library up to 175,000 books, with many thousand pamphlets which are not accurately counted, but they number probably from 20,000 to 25,000. The magazines taken number 384, and 46 daily and weekly papers are available in the newspaper room.

The books are distributed among the various departments of the main Library, in the three branches, and in 200 school rooms, each having a collection of 50 books; also books are sent to engine houses, mills, etc. Through the generosity of those who have made bequests to the Library we have been fortunate in the ability to purchase books without using city funds for that purpose. By these generous bequests, and by the added facilities of the Library building, which has now been occupied twelve years, the use of the books has more than doubled since leaving the old building. The outside circulation of books in 1910 was 247,995, while last year it was considerably in excess of 500,000.

It is well to call attention once again to the special collections which are a feature of our Library, and to its re-

sources as compared with other libraries not so well favored. These special collections cover the genealogical library, the textile books, the whaling books and pictures, and the very unusual number of books on printing and the laws of libel which were given in the will of Mr. Sayer, so many years a trustee of this Library.

The most important individual purchase of books during the past year was "The Chronicles of America," in 50 volumes, published by the Yale University Press.

It was found necessary during the summer, in order to fill out the books in our school libraries, to purchase very largely. Several thousand books were bought for the school libraries at that time.

The picture collection is increasing rapidly, so now there are between 40,000 and 50,000 pictures which are suitable for circulation. These are largely used in the schools as illustrative material.

An important work is being carried on in the Genealogical Room, where the daily newspapers are indexed for local material of more than temporary importance, and scrap books are used for clippings which may be of some future value.

During the past year the inside of the Library was entirely renovated with fresh paint, and the result is that every room presents a much more attractive and fresh appearance.

ACTIVITIES.

A new registration of card holders was begun on June 1st, taking the list of the card holders who were numbered below 15,241. In order not to cause congestion at the desk it was thought better to take the earlier numbers only, and

reserve the later registration for a future period. The work was carried on without friction or delay, and the results are valuable in weeding out many dead cards. In a city like New Bedford with so large a floating population, a great many cards remain in the boxes belonging to those who have moved from the city, and an occasional re-registration is absolutely needed. Such registration should be made at least every five years.

Among the publications of the year are the various bulletins, in which have appeared the list of the pictures of New Bedford contained in the Library, now numbering something over 700, and a list of the early New Bedford newspapers, of which the Library contains samples of 68. There was also published in March a list of business books and magazines which was distributed among business men in the city.

Various exhibitions have been held, one of Cathedrals, loaned by the American Federation of Arts; one, of Pennell's etchings, also obtained through this same organization; a notable collection of water colors by Miss Louisa Ricketson of this city; also a display of paintings by Mr. J. Duncan Gleason. A selection of the Curtis Indian pictures was also hung at one time during the year.

Various Library conventions and meetings have been attended by the Librarian and members of the staff. The Librarian attended a meeting of the Massachusetts Library Club in Boston, on February 3rd, where he spoke on the subject of "Music Collections in Public Libraries;" also, by invitation, he addressed the junior members of the Library staff in the Boston Public Library on "The Library Assistant in the Eyes of the Public." Later the same paper was given to the staff of the Providence Public Library. By permission of the Trustees, the Librarian attended the convention of the American Library Association at Detroit in July, and also a meeting of the Librarians of the larger libraries in Chicago on December 28.

As local secretary of the libraries in Southern Massachusetts the Librarian called together a convention of the librarians in this vicinity on December 5th. The meeting was well attended, and addresses were made by the Librarian and by Miss Thuman, who spoke on "Children's Reading." By invitation the convention visited the old Dartmouth Historical Society and Whaling Museum, and were entertained at luncheon by one of the Trustees of this Library.

Following the custom inaugurated last year book talks have been given in the Library on Monday afternoons. These have been given by local men and women, and have proved to be of interest and value.

In the summer Miss Ruth W. Hatch, the Reference Librarian, resigned after a successful term of service in our Library, and Miss Helen L. Cowles, who had had previous experience in Mt. Holyoke College, a California College graduate and a graduate of the library school at Simmons College, took her place. Miss Cowles has proved a very acceptable Reference Librarian, and the work has gone along very smoothly under her efficient administration.

An experiment was undertaken which has proved successful in appointing girls as pages for day work in the stacks. The change has proved to be beneficial, and the work goes along smoothly, and on the whole very harmoniously. It is safe to say that the work of the pages has never been more satisfactorily carried on than it is now.

Staff meetings have been held at more or less regular intervals during the year at which various members of the Library staff have made addresses and discussed library problems.

During the absence of Miss Thuman, who was granted an extended leave of absence by the Board, the work of the Juvenile Room was left in charge of Miss Ethel Wilcox, her assistant, who managed the department successfully. The

work during the summer months when the school books are called in, repaired and made ready for the opening of school in the autumn, is particularly strenuous, and I am glad to report that the books were made ready promptly, and all the schools were supplied at the opening of the term. In the Juvenile Room, as usual, the Christmas books have been displayed and attracted a good deal of attention from the parents of book takers.

School room classes have been instructed in the use of the Library by the head of the Juvenile Department.

A training class has also been instituted for certain promising High School girls who are given instruction in library methods, and it is hoped when their instruction progresses far enough, some of them may be able to become promising candidates for substitutes.

The Pedagogical Library has been improved so that a representative collection of books there is always ready for the instruction and use of the teachers.

The use of the Lecture Room and other meeting rooms on the upper floors of the Library has been constant, during the year 465 meetings having been held by 94 different organizations.

Americanization classes conducted under the supervision of Miss Shanahan of the School Department have been held in the Library, and very important work is being conducted in these gatherings. The people who attend the classes, which are carried on four or five evenings in the week, are most enthusiastic in their work, and show their appreciation of the instruction they receive. They are all adults, above school age, and the work cannot fail to be of lasting benefit.

Mr. Desaulniers, the editor of *L'Independant*, has assisted the Library by suggesting the purchase of certain French books which have been added to our shelves, and the service is very much appreciated.

The work in the branches has been carried on with creditable results. The South Branch suffered the loss, by death, of Mr. Wilkinson, who had served faithfully for a number of years. His place was taken by the Misses Hathaway, Akin, and Wilcox, who work in unison, each in turn devoting afternoons to the work, two always being on service in the evening. This was an experiment, but as far as can be judged at present, it is working well.

NEEDS.

The North Branch should have a special Children's Room for use in connection with the juvenile demands. If it were possible to use the south room, and install a special children's attendant, it would be of very great value to the young people of that section.

The geographical situation of New Bedford is such that there are certain parts of the city which are very greatly in need of additional library accommodation. There should be, whenever it can be carried out, a library branch in the northwest, southwest, and north sections of the city; an additional North Branch, somewhere about the center of activities, say $1\frac{1}{2}$ miles above the present location of the so-called North Branch is much needed, also the northwest and the southwest are very much cut off from easy access to the Library.

Several years ago a request was made for a Reference Librarian at the High School, who should be under the supervision of the Library, but whose work during school hours should be confined to the High School as a reference branch of the Public Library. At that time the School Department was willing to pay half the expenses of such a librarian. I would suggest that this proposition be taken

up anew, and some such arrangement made which would be vastly to the advantage not only of the High School, but of the main Library.

There should be an authoritative removal of restrictions on the number of books, including fiction over a year old, which can be taken at one time on a reader's card. More and more the libraries are removing restrictions which hamper in any way the free circulation of books where they are needed.

The consensus of opinion among library officials the country over is that the city might safely be asked to supply as a minimum amount for library purposes one dollar per capita. The average of 37 cities as compiled by the Librarian of Grand Rapids is a per capita tax for library purposes of \$.616.

The cost per capita to the City of New Bedford for library purposes is \$.49. With the inclusion of the various bequests, taking the total expenditures of the Library from the city funds and bequests, the total cost per capita is only \$.57 against a minimum requirement, according to the best authorities, of one dollar. Forty-nine cents per capita for the opportunity to use from 175,000 books, over 400 magazines and newspapers, and with unlimited permission to consult the Reference Department from nine in the morning till nine at night! Without the facilities of the Library how much intellectual refreshment for a year could be obtained for forty-nine cents?

As with most libraries there has been some mutilation of books, which has been annoying and disturbing. Constant care is being taken to prevent this vandalism, but in spite of the greatest care, such mutilation is frequently reported. The only way in which it can be avoided is by more and more constant supervision, and where such damage is dis-

covered, severe punishment should be imposed. The Library officials have been in frequent consultation with the teachers in the various schools in order to counteract the loss sustained by such depredations.

GENERAL REMARKS.

The home circulation of books, which is not perhaps the most important function of the Library, differs greatly in cities of different sizes. By careful tabulation, it has been found that the larger the city, the smaller the per capita circulation. In cities the size of New Bedford the circulation per capita is usually about 4. Our circulation for the last year was a little more than that.

In order to procure books which had been out for a long time, a Fineless Week was featured in April. A good many books were returned at that time, some of which had been lost to the Library for months, and some for years.

It is very agreeable to those having charge of the Library to receive the pleasant comments which are frequently given by those who show their appreciation of the library work by pleasant words. A young man who is a student in the Normal Art School in Boston, although not a resident in New Bedford, was able to prepare himself very acceptably for that school by technical business books which he was able to get from this Library, and which he had not been able to secure at home. This is only typical of many cases where appreciation is shown for favors received.

As in many years past, the friends of the Library have added to the enjoyment of visitors by contributing very liberally during the summer months by gifts of flowers.

As usual the Boston Library has very generously acceded to many requests which have been made for books which our Library did not contain. We have passed along the courtesy by sending very many books to neighboring communities, notably Vineyard Haven, Edgartown, Chatham, and Nantucket.

A pleasant innovation was made by an invitation to the City Council to visit the Library at the beginning of the year. This invitation was accepted by those of the City Government who were not otherwise engaged, and a very enjoyable evening was passed.

A suggestion was made at one of the library conventions that it might be to the advantage of the various branches to have local committees from the various sections of the city serve as informal advisory boards, who might keep in touch with the Librarian, and suggest possible methods of increasing the interest in those branches.

The work of the assistants has on the whole been harmonious and satisfactory, and the Librarian feels that he can count on their co-operation in helping fulfill the best interests of the Library.

The Librarian wishes to express again his cordial thanks to the Trustees for the vital interest they have always shown in the conduct of the Library.

GEORGE H. TRIPP, Librarian.

ART ROOM.

The year has seen no marked changes in the work of this department, but a gradual growth in attendance and appreciation by the book and picture-loving public.

The present arrangement of the music collection, offering as it does almost unlimited access, seems to give great satisfaction, so that when it becomes possible to have all of the books in one room, we look forward to giving still better service.

New books are always welcome, especially those upon house planning and flower gardening, but perhaps no one work added during the past year has been so enthusiastically received as E. V. Lucas' "Life of Edwin Austin Abbey, R. A.," truly a valued gift.

Many favorable comments upon the retinting of the walls have been heard, and the improvement in lighting facilities seems to be highly appreciated.

JANE E. GARDNER, Reference Librarian.

GENEALOGICAL DEPARTMENT.

During the year just ended, the work of this department has proceeded along the even tenor of its way. Newspapers have been checked up and indexed for items of local historical value, and scrap-books have been pasted.

Visitors from out of town have, in many instances, been able to find here much of value in tracing out family histories. Inquiries for genealogical material have come from the following states: Colorado, Kansas, Massachusetts, Minnesota, New York, Rhode Island, and Vermont.

The City Clerk's office has been very helpful this year and in previous years, in hunting up records for us whenever we have had occasion to telephone for help.

In telling of what has been taking place in the Genealogical Room this year, we must not fail to mention our new desk by which a long felt need has been gratified. This room shared with the rest of the building in a repainting of the walls and ceiling.

Some of the books acquired during the year, either through gift or purchase are:

"Lineage Book of the National Society of the Daughters of the American Revolution," vols. 41-57, inclusive.

"A Register of the Ancestors of Dorr Eugene Felt and Agnes (McNulty) Felt," compiled by Alfred L. Holman.

"De Maranville genealogy—descendants of Louis De Maranville," compiled by George L. Randall.

"An Account of some of the Descendants of John Russell," by the late Gurdon Wadsworth Russell, edited by Edwin Stanley Welles.

"Life in New Bedford a Hundred Years Ago—a Chronicle of the Social, Religious and Commercial History of the Period as recorded in a Diary kept by Joseph R. Anthony," edited by Zephaniah W. Pease.

"Descendants of the twin brothers John and Benjamin Wood," compiled by James A. Wood.

"Plymouth Tercentenary," by H. Bloomingdale.

"History of the Pilgrims and Puritans," by Joseph Dillaway Sawyer, edited by William Elliot Griffis.

"Mayflower Descendants and their marriages for two generations after the landing," published by the Bureau of Military and Civic Achievement.

ALICE H. TRIPP, Genealogical Librarian.

REPORT OF THE NORTH BRANCH.

After the rush and confusion of the early evening when the North Branch resembles anything but an ideal library, and after the juveniles have departed with their literary provender, there comes a calmer time. That it is appreciated no one can doubt, and the opportunity then given those who find pleasure in the pleasant room and a good book seems not the least of the advantages of a public library.

More and more people are learning that they can come to the Library to consult the Atlas, the dictionary and the City Directory or yesterday's paper without taking out a card.

Grammar school pupils make good use of the Library for reference work and study, but many abuse the privilege by tearing desired items from books and magazines.

As to work with the new Americans which seems to take such a prominent place in many branch libraries, we can only say that of those who become our regular patrons, practically all prefer the books written in their own language. A few read the newspapers.

ELSIE COLLINS.

APPENDIX A.

ADDITIONS BY CLASSES IN YEAR 1922.

NEW TITLES

General Works,	11	Description and Travel,	56
Ethics and Philosophy,	28	Individual Biography,	67
Religion,	32	Collective Biography and	
Sociology,	129	Genealogy,	19
Manners and Customs,	4	History,	51
Folk Lore	1	Fiction,	297
Education,	25	New titles in Foreign Languages	
Language,	10	French	37
Science,	36	Yiddish	1
Useful Arts,	104	Italian	12
Medicine, Physiology, and		Spanish	3
Hygiene,	18	Russian,	1
Fine Arts,	33	Greek,	1
Music,	5	Portuguese	2
Amusements and Sports,	30	Books for Children	145
Literature,	81	Books for the Blind	13
			<hr/>
			1252

APPENDIX B.

CIRCULATION.

Main Collection, Adult	No. of Books.	Percent of Whole
Classification.		
Miscellaneous, and periodicals,	8,602	4.29
Philosophy,	1,551	.77
Religion,	1,125	.56
Sociology,	3,279	1.64
Language,	933	.47
Science,	1,890	.94
Useful Arts,	5,367	2.68
Fine Arts,	6,104	3.05
English literature,	5,120	2.56
Foreign literature,	1,190	.59
Biography,	3,382	1.69
History,	2,288	1.14
Travel and description,	2,975	1.41
English fiction,	151,035	75.39
Foreign fiction,	5,484	2.74

Juvenile Room,

Classification,

Fairy Tales,	8,231	13.76
Biography,	872	1.46
History,	1,741	2.91
Travel and description,	1,524	2.55
Fiction,	34,424	57.57
Miscellaneous, including Bible Stories, Literature, Useful Arts,	13,003	21.75

Books drawn for home use, Central Library, Main Collection:

Main Desk 99,290,* Ingraham Hall

86,633, Reference Room 8,396,

Art Room 5,106†, Genealogical

Room 423, Teachers' Room, 477, 200,325

*Including 260 through Branches.

†Including 46 books for the Blind.

Books circulated from Juvenile Room, 59,795

Books circulated from School Collection, 129,318

Books circulated directly from Branch

Reading Rooms, 109,834

Inter-Library loans, 251

Other Agencies, (including Engine Houses,

903; Mills, 546; Community Centers, 4,677;

City Farm, 50; Church, 12, 6,188

Total circulation of books,

505,711

Pictures loaned: Art Department.

Art photographs,	21
Prints,	77
Prints (color)	55,085
Architecture,	101
Sculpture,	15
Stereographs, (Juv. R. 15527)	16,350
Miscellaneous,	19,611

91,260

GENERAL STATISTICS FOR 1922.

Books Added.

Volumes purchased, Main Collection,	2,949
Volumes purchased, Juvenile Room,	1,226
Volumes purchased, School Collection,	3,230
Volumes added by gift,	690

8,095

Pamphlets Added.

Pamphlets purchased,	68
Pamphlets added by gift,	3,188

3,256

Other Additions.

Photographs, (by gift, 409) and 25 colored,	434	
Postcards, colored,	80	
Colored lithographs (by gift, 20)	23	
Atlas folios, maps (including gifts)	123	
Mounted clippings,	1,190	
Miscellaneous, (by gift, 10)	59	
Volumes worn out and withdrawn*		
Main Collection,	749	
Juvenile Room,	943	
School,	1,572	3,264

*116 exposed to contagious disease.

Volumes replaced:		
Main collection,	566	
Juvenile Room,	438	
School Collection,	1,133	
		2,137
Net addition to the Library in volumes,		4,831
Number of volumes in Library, December 31, 1921,		176,004
Number of volumes in Library, December 31, 1922,		180,835

Volumes bound, including periodicals and books rebound:

Main Collection,	2,128	
Juvenile Room,	918	
School Collection,	1,001	
		4,047
Periodicals in Reading Room (including 88 by gift)		379
Newspapers in Reading Room (including 10 by gift)		49
New cards issued, and re-registration, Central		
Adult, Central Library,	6,776*	
Through Branches,	627	7,403
Cancelled,		191
Juvenile, Central Library,	918	
Through Branches,	913	1,831
Cancelled,		28
		1,803
		9,015

*Includes 624 Juvenile Transfers.

Total Registered Borrowers, Adult,	23,915
Juvenile,	16,452

Notices sent out for over-due books:

Main Library—Postal cards, 6,385; letters, 705	7,090
Juvenile Room—Postal cards, 2,044; letters, 227	2,271
Branches— Postal cards, 2,195; letters, 268	2,463
Messenger sent 187.	
Books returned through messenger 88.	

BRANCH READING ROOMS IN DETAIL.

NORTH.

Attendance, adult,	Sundays, 8 mos., 1,335	
Attendance, children,	Sundays, 8 mos., 4,322	
		5,657
Books circulated—Adult	36,246,	
	Juvenile, 22,345, Central 215,	58,806
Cards issued through Central:		
	Adult, 384*; Juvenile, 447	831
	(*Including 115 Juvenile Transfers)	
Periodicals in Reading Room,		29
Newspapers in Reading Room,		18

SOUTH.

Attendance, adult,	10 mos., 7,635; Sundays,	
	8 mos., 631,	8,266
Attendance, children, 100 mos., 20,784; Sundays,		
	8 mos., 2,042,	22,826
		31,092
Books circulated—Adult	9,984	
	Juvenile, 15,728; Central 23	25,735
Cards issued through Central:		
	Adult, 159†; Juvenile, 405,	564
	(†Including 56 Juvenile Transfers)	
Periodicals in Reading Room,		23
Newspapers in Reading Room,		12

WEST.

Attendance, adult,	10 mos., 13,607; Sundays,	
	1 mo., 8	13,615
Attendance, children, 10 mos., 14,081; Sundays,		
	1 mo., 54	14,135
		27,750
Books circulated—Adult,	18,317	
	Juvenile, 7,214; Central, 22	25,553
Cards issued through Central:		
	Adult, 84; Juvenile, 66	145
	(†Including 26 Juvenile Transfers)	
Periodicals in Reading Room,		23
Newspapers in Reading Room,		9

APPENDIX C

FORM OF LIBRARY STATISTICS.

Computed for the A. L. A. Committee on Library Administration.

Annual report for year ended December 31, 1922.

Name of Library, New Bedford Free Public Library.

Name of Librarian, George H. Tripp.

City or town, New Bedford, Mass.

Population served, 130,955. (Estimated, Dec. 31, 1922.)

Terms of use—

Free for lending

Free for reference

Total number of agencies

Consisting of—Central library, One.

Branches, Three.

Other Agencies, 39 schools, 221 rooms in schools.

7 engine houses.

3 cotton mills.

1 vocational school, 1 hospital,

1 continuation school,

2 Community Centres,

1 Y. W. C. A.,

1 Relief ship,

Books lent to 10 other libraries.

Books borrowed of four libraries.

Number of days open during year (Central library), 365.

Hours open each week for lending (Central library), 72.

Hours open each week for reading (Central library), 79.

Total number of staff, 22.

Total valuation of library property, \$716,675.

INCREASE.

	Adult	Juvenile	Total
Number of volumes at beginning of year	153,656	22,348	176,004
Number of volumes added during year by purchase	2,949	4,456	7,405
Number of volumes added during year by gift and exchange	690		690
	<hr/> 157,295	<hr/> 26,804	<hr/> 184,099
Number of volumes lost or withdrawn during year	749	2,515	3,264
Total number at end of year.....	156,546	24,289	180,835
Number of pamphlets at beginning of year,			Uncounted
Number of pamphlets added during year,			3,256
Number of maps and charts, added during year,			123
Total number of maps at end of year			....
Number of photographs added during year, including prints and pictures, and 80 post cards			1,786

FREE PUBLIC LIBRARY

21 o

Miscellaneous,	59
Total number of prints including photographs, etc.,	57,542
Number of sheets of music added during year,	Uncounted
Total number of sheets of music at end of year,	"
Number of clippings added during year,	"
Total number of clippings at end of year,	"

USE.

	Adult	Juvenile	Total
Total number of volumes, lent for home use	316,598	189,113	505,711
Number of volumes of fiction lent for home use from Central library, (including Foreign)	156,519	34,424	190,943
Number of prints lent for home use,			91,260
Recorded use in reading rooms,			Uncounted
Number of exhibitions held,			8
Number of lectures given,			44
Number of publications issued,			5

REGISTRATION.

	Adults	Juvenile	Total
Number of borrowers registered during year (and re-registrations, part of year),	7,403	1,831	9,234
Total number of registered borrowers (not including old takers not yet re-registered, 1921)	23,915	16,452	40,367
Cancelled, 1922,	191	28	219
Registration period, 5 years.			
Number of periodicals including newspapers and transactions of societies) currently received.			
			379 titles with 493 copies of magazines, and 49 titles, with 82 copies of newspapers.
Number of persons using library for reading and study. Not counted.			

APPENDIX D

APPROPRIATION.

Salaries,	\$32,752.99
Wages,	16,194.75
Supplies,	1,143.82
Labor and repairs,	574.78
Lighting,	514.12
Printing,	278.64
Telephone,	70.15

Express,	332.48	
Incidentals,	139.90	
Water,	70.79	
Postage,	92.08	
Binding,	649.73	
Periodicals,	507.82	
Insurance,	1,209.60	
Furniture,	366.75	
Car tickets,	70.00	
Heating,	637.23	
Pictures,	15.42	
Removing snow,	22.78	
Books,	88.48	
Cards,	100.75	
	<hr/>	
	\$55,833.06	
Balance,	166.94	
	<hr/>	\$56,000.00

DOG FUND.

Balance,	\$ 550.32	
Income,	3,868.10	
	<hr/>	\$4,418.42
Periodicals,	\$1,078.62	
Binding,	714.20	
Incidentals,	105.10	
Pictures,	12.50	
Printing,	267.46	
Books,	2,171.34	
Subscriptions to societies,	10.00	
Supplies,	58.78	
	<hr/>	
	\$4,418.00	
Balance,	.42	
	<hr/>	\$4,418.42

OLIVER CROCKER FUND.

Balance,	\$31.89	
Income,	50.00	
	<hr/>	\$81.89
Books,	\$20.00	
Periodicals,	2.00	
Printing,	6.85	
	<hr/>	
	\$28.85	
Balance,	53.04	
	<hr/>	\$81.89

FREE PUBLIC LIBRARY

23 0

GEORGE O. CROCKER FUND.

Balance,	\$330.04	
Income,	451.00	
	<hr/>	\$781.04
Books,	\$186.05	
Periodicals,	33.44	
Binding,	110.11	
	<hr/>	
	\$329.60	
Balance,	451.44	
	<hr/>	\$781.04

SYLVIA ANN HOWLAND FUND.

Balance,	\$ 97.24	
Income,	2,139.10	
	<hr/>	\$2,236.34
Books,	\$ 558.25	
Periodicals,	59.00	
Binding,	537.50	
Lecturer,	75.00	
Pictures,	32.50	
Printing,	43.89	
Supplies,	1.45	
	<hr/>	
	\$1,307.59	
Balance,	928.75	
	<hr/>	\$2,236.34

CHARLES L. WOOD FUND.

Balance,	\$ 57.13	
Income,	100.00	
	<hr/>	\$157.13
Books,	\$55.14	
Balance,	\$101.99	
	<hr/>	\$157.13

CHARLES W. MORGAN FUND.

Balance,	\$25.54	
Income,	50.00	
	<hr/>	75.54
Books,	\$16.40	
Printing,	8.95	
	<hr/>	
	\$25.35	
Balance,	50.19	
	<hr/>	\$75.54

JAMES B. CONGDON FUND.

Balance,	\$14.04	
Income,	25.00	
	<hr/>	\$39.04
Books,	\$25.45	
Balance,	13.59	
	<hr/>	\$39.04

GEORGE HOWLAND, JR. FUND.

Balance,	\$42.89	
Income,	80.00	
	<hr/>	\$122.89
Books,	\$42.00	
Balance,	80.89	
	<hr/>	\$122.89

KEMPTON FUND.

Balance,	\$ 70.89	
Income,	11,021.16	
	<hr/>	\$11,092.05
Books,	\$7,014.87	
Periodicals,	202.70	
Binding,	1,212.26	
Printing,	603.60	
Stationery and supplies,	115.91	
Book-plates,	68.00	
Pictures,	130.60	
Cards,	84.10	
Membership to learned societies,	8.00	
Maps,	3.25	
	<hr/>	\$9,443.29
Balance,	1,648.76	
	<hr/>	\$11,092.05

TOTAL EXPENDITURES.

Salaries,	\$32,752.99
Wages,	16,194.75
Supplies,	1,319.96
Labor and Repairs,	574.78
Lighting,	514.12
Printing,	1,209.39
Telephones,	70.15
Express,	332.48
Incidentals,	245.00
Car Tickets,	70.00
Water,	70.79
Heating Branches,	637.23

FREE PUBLIC LIBRARY

25 0

Removal of Snow,	22.78
Furniture,	366.75
Insurance,	1,209.60
Postage,	92.08
Cards,	184.85
Books,	10,177.98
Periodicals,	1,883.58
Binding,	3,223.80
Pictures,	191.02
Lectures,	75.00
Book Plates,	68.00
Subscriptions to Societies,	18.00
Maps,	3.25
	<hr/>
	\$71,508.33

FINES ACCOUNT.

Fines and miscellaneous receipts,	\$1,476.02
Paid City Treasurer,	\$1,476.02

APPENDIX E.

ORGANIZATIONS USING LIBRARY ROOMS FOR MEETINGS.

Alpha Debating Society.
 American Legion.
 American Legion Auxiliary.
 American Red Cross.
 American Red Cross Directors.
 Americanization Classes.
 Animal Rescue League.
 Anti-Tuberculosis Society.
 Astronomical Society.
 Bankers Association.
 Blind, Readings for the
 Boy Scouts, Directors.
 Bristol County Library Institute.
 Business and Professional Women's Club.

Cancer Week Committee.
Cathedral Camp Committee.
Catholic Women's Club, Committee.
Catholic Women's Club, Executive Board.
Central Council of Social Agencies.
Children's Welfare Board.
Citizens' School League.
College Club.
Council of Jewish Women.
Current Events Class.
Daily Vacation Bible School.
D. A. R. Committee.
Daughters of Isabella.
Daughters of Isabella, Dramatic Class.
Day Nursery Board.
Debating Society.
Disabled Soldiers.
Dramatic Class.
Eastern Star.
Family Welfare Society.
Family Welfare, Recruiting Class.
Fine Arts Society.
Girl Scouts, Directors.
Grammar School Athletic League.
Health Lecture.
High School Alumni.
High School Alumni, 1902.
High School Debaters.
High School, Meeting of Citizens in Protest.
Horticultural Society.
Jewish Forum.
Jireh Swift School
Junior Council.
Kindergarten Club.
League of Women Voters.
Le Cercle Gounod.
Library Book Talks.
Mass. Good Templars Convention.
Medical Liberty League.
Millinery Class.
Minstrel Show Committee.
National Association for the Advancement of Colored People.
Naval Veterans of the World War.
New Bedford Country Club.
New Bedford Musical Association.

New Bedford, Seventy-fifth Anniversary.
New Thought Centre.
Old Dartmouth Historical Society.
Old Dartmouth Historical Society, Directors.
Public School Association.
Radcliffe College, Committee.
Radio Club.
Simmons College Club.
Sons of the American Revolution.
Southeastern Bristol County Medical Association.
Southeastern District Health Association.
Stenography Class.
Sunday School Teachers.
Teachers Alumni, 1902.
Teachers' Association.
Teachers' Association, Executive Board.
Teachers' Benefit Association.
Teachers Meetings.
University Extension.
Vocational School Teachers.
War Veteran Committee.
Whaling City Film Corporation.
Women Voters.
Y. M. C. A. Foremanship Class.
Y. M. H. A. Committee.

APPENDIX F.

NOTEWORTHY BOOKS PURCHASED.

E. V. Lucas
 Life of Edwin A. Abbey.
L. Cadorna
 La Guerra alla fronte Italiana.
Chronicles of America, 50 volumes.
R. Nobili
 Gentle Art of Faking.
Investigations at Assos.

E. L. Curtis

North American Indians—Continuation.

Mr. Punch's History of Modern England.

Merimee

Works of Prosper Merimee

W. W. Scott

Standard Methods of Chemical Analysis.

Compton's Pictured Cyclopedia.

J. D. Sawyer

History of the Pilgrims and Puritans.

Sir E. Sullivan

Books of Kells.

J. Buchan

History of the Great War.

J. N. Larned

New Larned History.

C. J. H. Hayes

Political and Social History of Modern Europe.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

January 25, 1923.

Received, ordered printed in City Documents and sent
down for concurrence.

RODOLPHUS A. SWAN.

City Clerk.

IN COMMON COUNCIL,

January 25, 1923.

Concurred.

HAROLD WINSLOW,

Clerk.

TWENTY-NINTH ANNUAL REPORT
OF THE
Department of Parks
OF THE
CITY OF NEW BEDFORD
MASSACHUSETTS

For the Year Ending November 30, 1922



NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS—PRINTERS
1923

BOARD OF PARK COMMISSIONERS

1922.

WILLIAM P. COVELL

WILLIAM F. CASWELL

GEORGE H. HEDGE

GEORGE H. CUSHING

EDWARD A. OESTING

OFFICERS.

WILLIAM P. COVELL, Chairman.

WILLIAM F. CASWELL, Secretary.

EVERETT B. SHERMAN, General Superintendent.

CLARA C. CANAVAN, Stenographer.

CONSULTING ENGINEER,

GEORGE H. NYE.



PLAYGROUND — COMMON.

CITY OF NEW BEDFORD BOARD OF PARK COMMISSIONERS

December 1, 1922.

*To His Honor the Mayor and the Municipal Council
of the City of New Bedford :*

GENTLEMEN :

The Board of Park Commissioners has the honor to submit herewith the 29th Annual Report of the Department of Parks together with the financial statement for the fiscal year ending November 30, 1922.

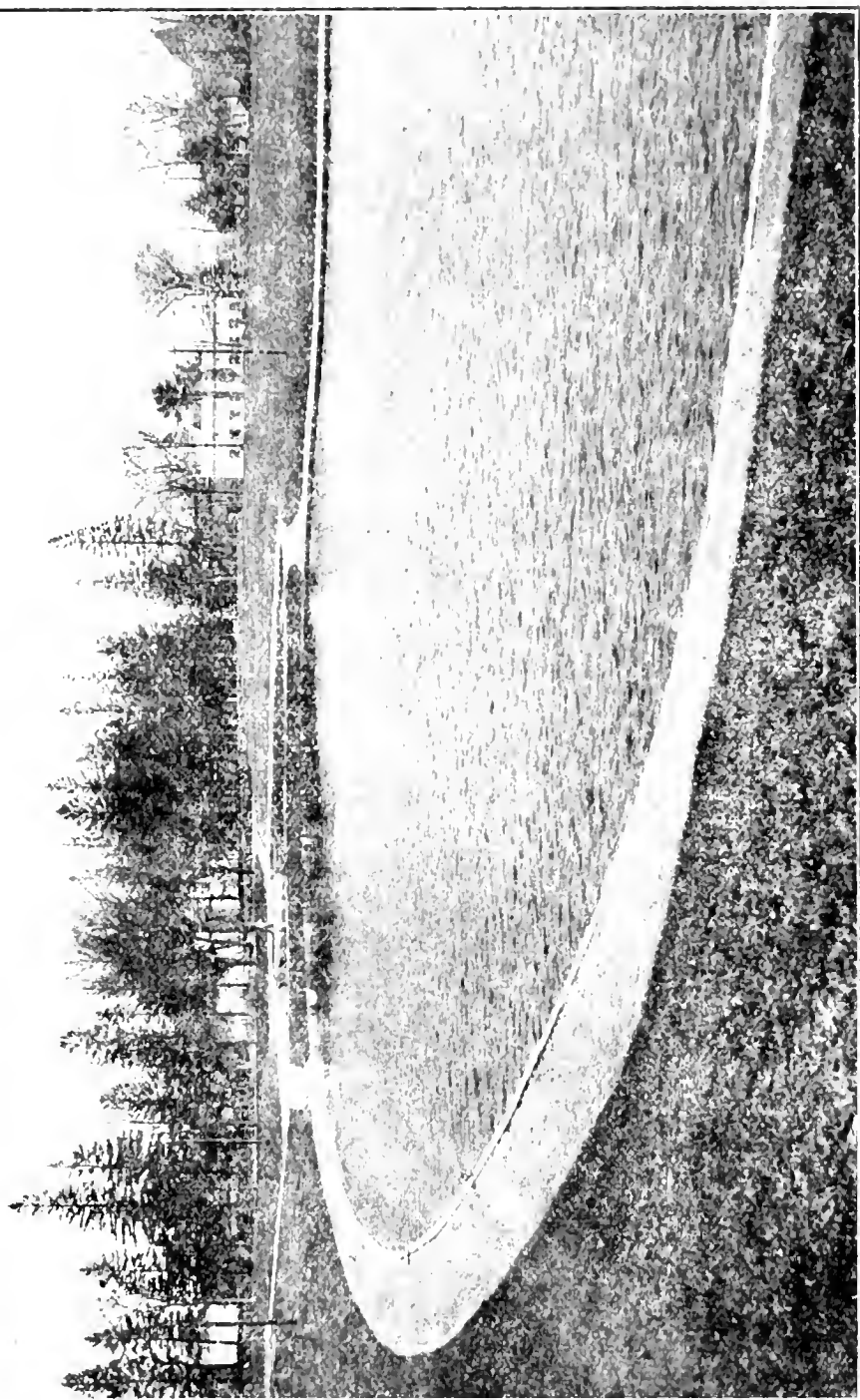
The Board was organized for the year as follows :

Mr. William P. Covell was elected chairman, and Mr. William F. Caswell, Secretary.

The personnel of the Board remained the same as last year. The appointment of Mr. William F. Caswell for a term of five years to succeed himself was duly confirmed by the City Government.

The Commission in its previous reports has frequently recommended the purchase of the land south of Kempton Street adjoining the north line of Buttonwood Park. The acquisition of this land has been made possible during the past year by purchase through a special appropriation. This tract consists of two hundred and sixty rods of low swamp land which necessitates drainage, filling and grading. During the past year we have made some progress towards this development in the way of draining and filling in. It is our hope the coming year to secure the services of a landscape architect to draw up plans along artistic lines which will

BROOKLAWN PARK



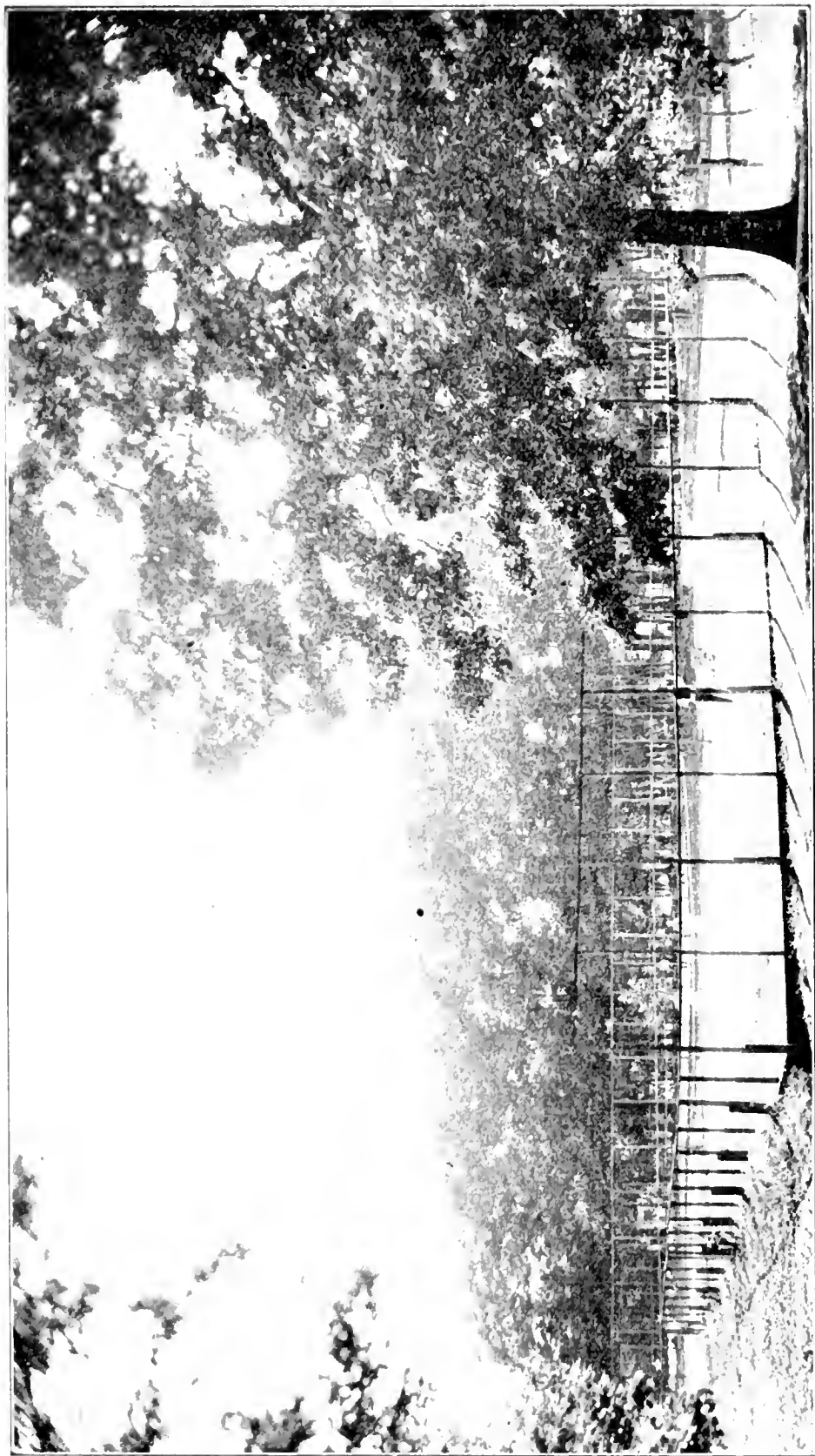
beautify this new plot and it will also give us a comprehensive plan outlined in detail from which to work as funds become available. We would like an attractive entrance to the Park from Kempton Street, one that is dignified yet somewhat ornamental in character.

A much needed improvement was made the past year at Buttonwood Park in the building of a new barn comprising a wagon shed, tool room, and harness room. It facilitates greatly in handling the work in a more economical manner.

The north line of Middle Street between Acushnet Avenue and Water Street was widened by cutting away four foot of the sidewalk on the south line of Bridge Approach. This change of street line was advised by our Superintendent Mr. Sherman to relieve congested traffic at the bridge approach.

Would also recommend the acquisition of land along the south boundary of Hazelwood Park extending to Lucas Street and trust some active step may be taken to make it possible to secure this land before development in that section places it beyond our reach. This land is so situated that if purchased it would be a valuable asset to the natural attractiveness and future expansion of Hazelwood Park.

The rapid development of the section west of Acushnet Avenue and north of Nash Road together with the fact that Ashley Boulevard is now one of the main thoroughfares of the city, has directed our attention toward improving the west line of Brooklawn Park. We believe that the frontage on Ashley Boulevard should be improved to compare favorably with the entrance on Acushnet Avenue. During the past year work was started toward this improvement, and if necessary funds are available this work can be carried to completion.



TENNIS COURTS — BUTTONWOOD PARK

The Rose Garden at the Common has been a source of pleasure and enjoyment to all. The roses have made a good growth and a fine showing was made for the first year.

A new granolithic walk was laid on the north side of the Common as the torn up condition of the old walk made this immediate replacement necessary.

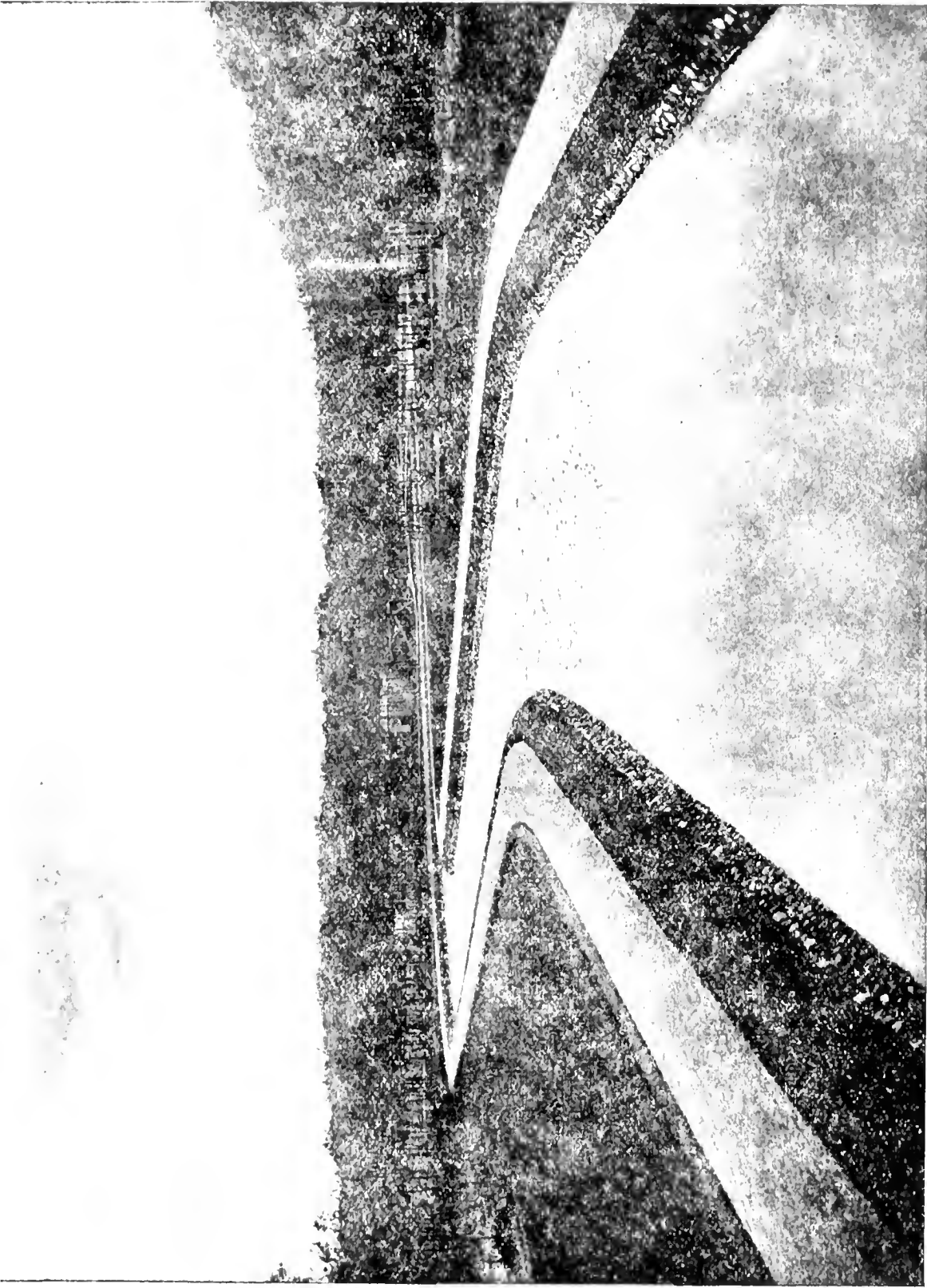
The total area of the parks at present is as follows:

Buttonwood Park,	95 acres,	113.52 sq. rods
Brooklawn Park,	84 acres,	121.88 sq. rods
Hazelwood Park,	23 acres,	8.39 sq. rods
Water Front,	8 acres,	116.00 sq. rods
Common,	7 acres,	32.00 sq. rods
Bridge Approach,	1 acre,	74.98 sq. rods
Grove Park,		149.54 sq. rods
Triangle Park,		25.87 sq. rods
Ashley Park,	4 acres,	51.39 sq. rods
Total area,	226 acres,	53.57 sq. rods

RECREATIONS.

Athletics—Three large athletic meets were held at Ashley, Brooklawn and Hazelwood under the supervision of the playground department. All entries were restricted to boys and girls under seventeen years, clasified in two different groups according to weight. Medals and ribbons were given to the winners of the events.

Baseball—Many new leagues were organized during the past season which revived the national game to many on the inactive list for years. There were ten leagues playing at the various parks and each had a successful season. Sunday baseball was very popular. The attendance at these games have averaged around three thousand at each of the three parks. The diamonds at all the parks were kept in very good condition. One of the most urgents needs and one



CANAL — BUTTONWOOD PARK

which we hope to go through with the coming year is the construction of bleachers at both Buttonwood and Brooklawn Parks.

Skating—The weather was ideal the past season, thirty days of winter recreation was enjoyed by the thousands who participated in the sport.

Tennis—The courts were in constant use throughout the season from May 30th until October 15th. The addition of new courts enable us to accommodate all who were interested in the game.

Bowling-On-The-Green—This game proved even more popular than last year. The Green at Hazelwood Park was kept in excellent condition and was constantly in use. Team matches were held during the season which added interest to the sport.

Picnics—The usual number of picnics were held at the various parks and through the co-operation of the park keepers everything was done to make it possible for better results in making everything pleasant for the parties.

Celebrations—The playground season ended with a Field Day Celebration at Buttonwood Park.. Hundreds of children gathered there from the various playgrounds to enjoy the day's outing.

Too much thought cannot be given to playgrounds. We can readily see the advisability of purchasing more land for playground centers in the various congested parts of the city. One might be located in the vicinity of Madison Street and Acushnet Avenue, another somewhere in the neighborhood of Hampton Court.

During the afternoon of July fourth, Battery "D", 101st Field Artillery, Massachusetts National Guard, gave an exhibition at Buttonwood Park of Roman and Cossack riding



BLACK BEAR CUB — BUTTONWOOD PARK

mounted drill, and finished its exhibit by firing the national salute of 21 rounds from its four French 75mm. guns. The exhibition, which was under the command of Capt. Harold Winslow, Lieuts. Charles F. Perry, Jr., and Charles A. Stanley, was enjoyed by several thousands of interested spectators.

The City Government provided a display of fireworks at Buttonwood Park during the evening of July fourth.

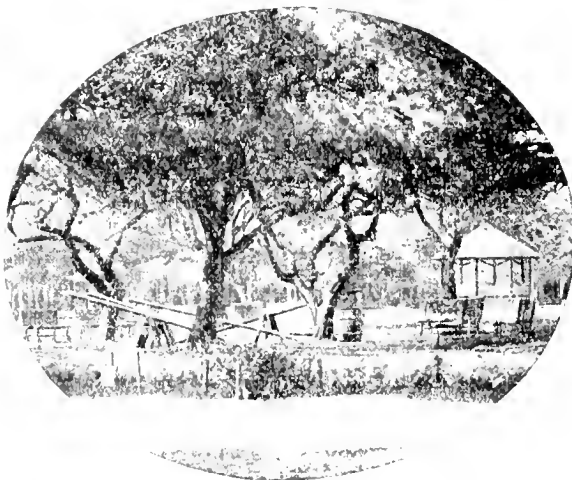
Many other important and necessary improvements might be brought to your notice, but being aware of the impossibility of their being undertaken during the coming year, for financial reasons, only those which are the most needed have been placed before you.

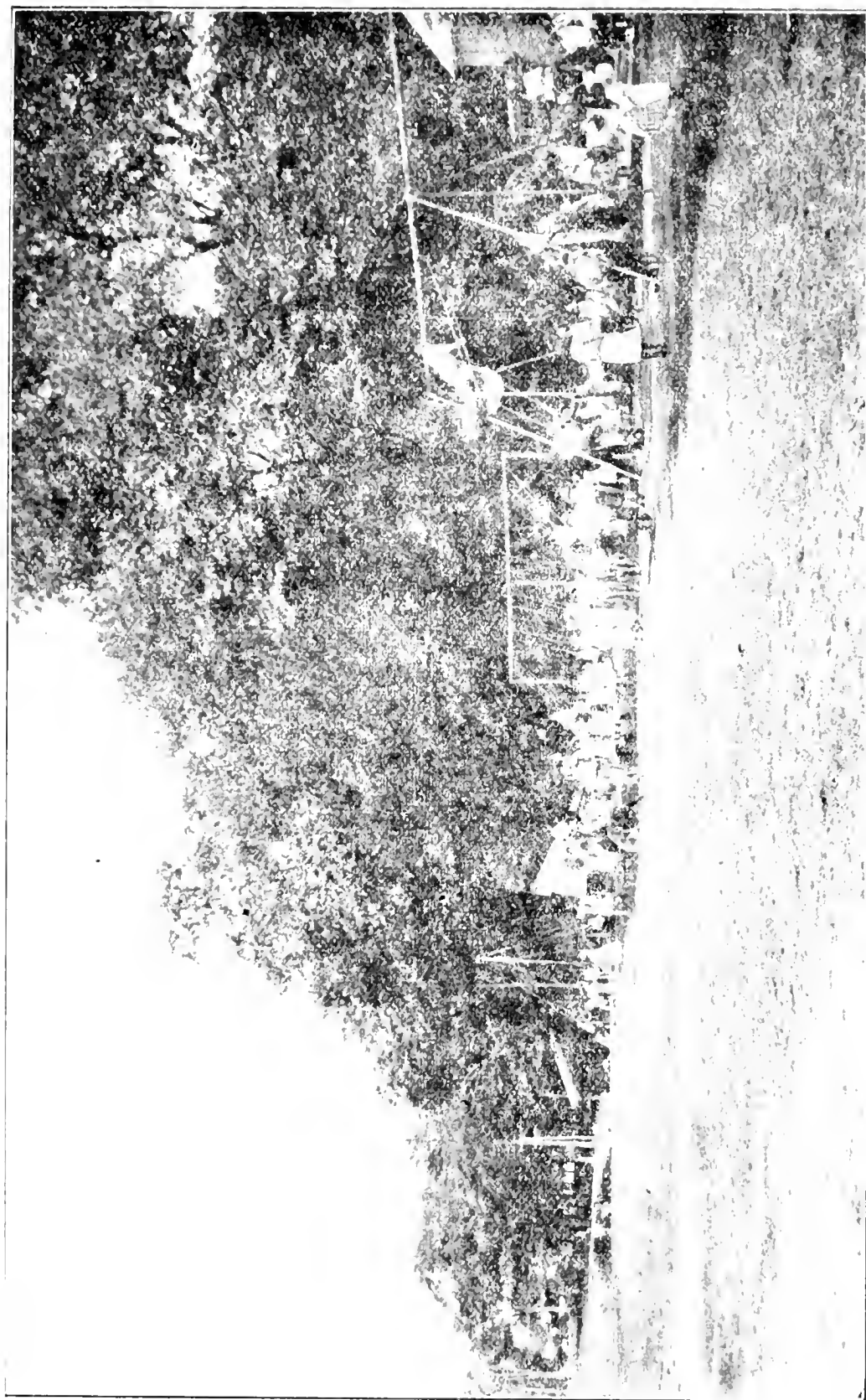
Respectfully submitted,

BOARD OF PARK COMMISSIONERS,

William P. Covell, Chairman

William F. Caswell, Secretary





BROOKLAWN PARK

SUPERINTENDENT'S REPORT

New Bedford, Mass.,

December 1, 1922.

*Honorable Board of Park Commissioners,
New Bedford, Mass.*

Gentlemen :—

I hand you herewith my report as Superintendent of Parks for the year ending November 30, 1922.

We have the past year been able to introduce a more advantageous system of work in the department by the changing of the men from the different parks as the work required.

The foremen of the different parks have worked in harmony throughout the year and better results have been attained through their co-operation.

NEW WORK.

The new section of Buttonwood Park lying south of Kempton Street was cleared and put in readiness for further improvement. We hope the coming season to employ the services of a landscape architect to further improve this new plot.

At Hazelwood Park the grove south of the Bowling Green has been cleared with practically no expense through the assistance given us by the Street Department.



THE "SHACK" — BROOKLAWN PARK
WHERE DANIEL RICKETSON ENTERTAINED HIS LITERARY FRIENDS

By the addition of our new tennis courts the past year believe we have met the satisfaction of the players.

The rose garden at the Common was completed and did exceptionally well for the first year. The work upon this garden and results obtained reflect much credit upon the Departmental gardener, Mr. John Hennessey. This garden was installed at the suggestion of Mayor Remington. Primarily there was some opposition to it as it eliminated the children's slide, but it now meets the approval of most everyone, as we have made a new slide for the children which is even better than the original one.

I would suggest that with the first money available a new iron cage should be erected at Buttonwood Park covering that part of the canal bounded on the north by Court Street and on the south by the deer yard. This would enable us to take care of various kinds of birds and wild-fowl.

Respectfully submitted,

E. B. SHERMAN,

Gen. Supt. of Parks.

Financial Statement for the Year.

Buttonwood Park	\$34,542.47
Brooklawn Park.....	11,753.11
Hazelwood Park	9,388.63
Common	12,160.14
Ashley Park	838.39
Bridge Approach	646.68
Grove Park	1,777.33
Triangle Park	56.55
Office	6,987.85
Transferred to unappropriated funds	
(See City Auditor's Report)	7,672.95
	<hr/>
	\$85,824.10

Receipts.

Appropriation	\$85,000.00
Concession privileges	655.00
Minor Sales	169.10
	<hr/>
	\$85,824.10

Office Expenses and Miscellaneous

Superintendent and Clerk	\$3,985.64
Telephone	61.43
Supplies	289.44
Annual Report	138.41
Difference in Automobile	1,703.77
Boiler and Auto. Insurance	170.46
Oil and Gasolene	317.42
General Expenses	321.28
	<hr/>
	\$6,987.85

Maintenance of the Common

Gardener	\$1,072.00
Police	2,954.50
Labor	3,640.34
Pension	937.38
Lights	300.42
Water	90.34
Repairs	512.01
Supplies	231.58
Fence, Rose Garden	418.20
Fertilizer	107.62
Roses	936.20
Granolithic Walks	794.60
Miscellaneous	164.95
	<hr/>
	\$12,160.14

Maintenance of Hazelwood Park

Labor	\$7,779.05
Telephone	42.00
Supplies	356.29
Repairs	547.86
Gasoline	123.30
Water	99.79
Care of Comfort Station	237.90
Sprinklers	50.00
Miscellaneous	152.44
	<hr/>
	\$9,388.63

Maintenance Grove Park

Labor	\$1,621.10
Maintenance	156.23
	<hr/>
	\$1,777.33

Maintenance Triangle Park

Labor	\$56.55
-------------	---------

PARK DEPARTMENT

P 19

Maintenance of Buttonwood Park

Keeper	\$1,911.00
Police	2,323.75
Compensation	728.00
Labor	14,968.75
Telephone	42.00
Lights	457.72
Repairs	2,289.27
Supplies	908.38
Water	160.02
Feed	1,565.97
Coal	773.41
Tractor	760.00
Water Service, Comfort Station.....	348.20
Fertilizer	225.35
Barn and Wagon Shed	4,547.00
Architect's Fee	159.14
Digging Brook	981.50
Snow Scraper	60.00
Gasoline	74.52
Miscellaneous	658.49
	<hr/>
	\$34,542.47

Maintenance Brooklawn Park

Keeper	\$1,911.00
Police	2,416.00
Labor	3,839.45
Lights	202.41
Telephone	42.00
Feed	286.65
Water	281.86
New Fence	629.70
Repairs	872.26
Coal	157.27
Supplies	386.15
Power Mower	365.00
Gasoline	77.30
Animals	75.00
Miscellaneous	211.06
	<hr/>
	\$11,753.11

Bridge Approach

Maintenance	\$546.71
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Ashley Park

Maintenance	838.39
-------------------	--------

Payrolls

1921	December	\$3,364.78
1922	January	2,953.23
	February	2,907.37
	March	3,070.86
	April	4,930.98
	May	4,113.77
	June	4,517.36
	July	5,831.25
	August	4,722.72
	September	5,827.51
	October	4,471.01
	November	4,725.96
		<hr/>
		\$51,436.80

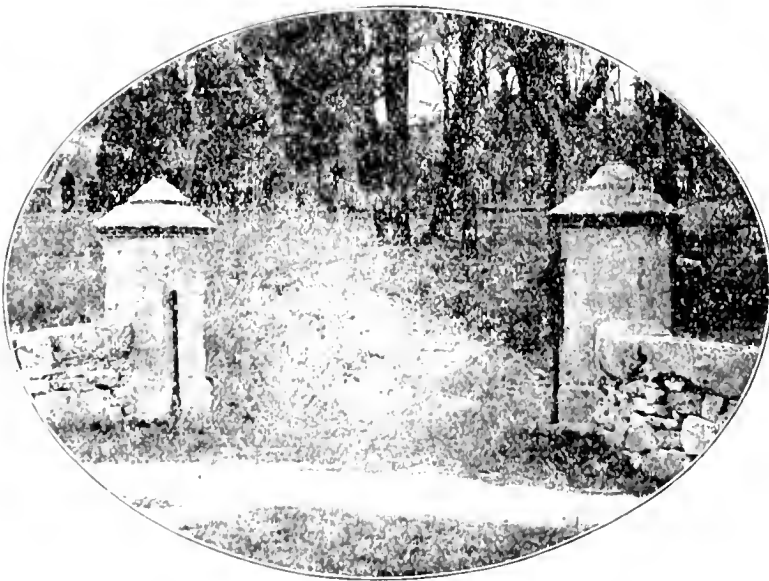
Monthly Expenditures, Materials and Supplies

1921	December	\$1,204.68
1922	January	1,381.66
	February	732.61
	March	2,552.96
	April	2,345.60
	May	4,376.62
	June	1,214.04
	July	1,141.62
	August	2,179.04
	September	3,234.15
	October	3,379.30
	November	2,972.07
		<hr/>
		\$26,714.35

Respectfully submitted,

E. B. SHERMAN,

General Supt. of Parks.



CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

May 11, 1923.

Received, ordered printed in the City Documents and
sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL,

May 11, 1923.

Concurred,

HAROLD WINSLOW,
Clerk.

ANNUAL REPORT
OF THE
CHIEF OF POLICE

OF THE
CITY OF NEW BEDFORD

MASSACHUSETTS

For the Year Ending December 31,
1922



NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS—PRINTERS
1923

Annual Report of the Chief of Police

CITY OF NEW BEDFORD,
JANUARY 1, 1923.

*To His Honor, the Mayor, and the City Council of the City
of New Bedford:*

GENTLEMEN:—

I have the honor to herewith submit the annual report
of the condition and doings of the Police Department, for
the year ending December 31, 1922.

This department consists of the following:

Chief	1	Policewoman	1
Deputy Chief	1	Matron	1
Captains	4	Chauffeurs	3
Captain of Detectives	1	Stenographers	3
Lientenants	16	Electrician	1
Detective Lientenants	8	Lineman	1
Sergeants	12	Telephone Operator	1
Detective Sergeants	6	Janitors	2
Patrolmen	195	Cleaners	2
Supervisors of Motor Equipment	2	On Pension	14
		Total	275

Number of Reserve Officers 37

Number of arrests during the year, 3736.

	Arrests by Months	Males	Females
January	302	275	27
February	322	288	34
March	312	293	19
April	381	365	16
May	320	293	27
June	267	248	19
July	299	274	25
August	344	311	33
September	395	349	46
October	304	284	20
November	244	217	27
December	246	232	14
		3429	307

Americans	1532	Arrests in 1917	4282
Foreigners	2204	Arrests in 1918	3321
Non-residents	426	Arrests in 1919	2354
Minors	425	Arrests in 1920	2443
On warrants and summonses	1449	Arrests in 1921	3706

NATIVITY OF PRISONERS.

Africa	5	Ireland	123
Albania	45	Italy	31
Australia	1	Lithuania	1
Austria	43	Madeira	85
Azores Islands	378	Mexico	1
Bavaria	2	Norway	8
Belgium	2	Poland	165
Bermuda	3	Portugal	241
Bohemia	4	Roumania	1
Canada	382	Russia	85
Cape De Verde Islands	196	Servia	1
Chili	1	Scotland	20
China	12	South America	16
Denmark	1	Spain	11
England	224	St. Helena	1
Finland	4	Sweden	12
France	13	Syria	16
Germany	15	Turkey	4
Greece	38	United States	1532
Holland	3	West Indies	10
			<hr/>
			3736

OFFENCES.

	Male	Female	Total
Abortion	0	1	1
Accessory	5	1	6
Accosting with offensive language	1	0	1
Admitting a minor to pool room	1	0	1
Adultery	6	4	10
Aiding in concealing leased property	0	1	1
Assault	10	0	10
Assault and battery	215	33	248
Assault, indecent	3	0	3
Assault on a police officer	3	0	3
Assault to kill	5	0	5
Assault to rob	2	0	2
Assault with a dangerous weapon	18	1	19
Begging	1	0	1
Breaking and entering and larceny	83	0	83
Breaking and entering and larceny attempt	9	0	9
Carrying a weapon	21	0	21
Chastity laws, violating	2	2	4
City Ordinances, violating	39	3	42

REPORT OF CHIEF OF POLICE

5 q

Concealing leased property	4	0	4
Concealing mortgaged property	1	0	1
Conducting a dance on the Lord's Day	2	0	2
Conspiracy to steal	6	0	6
Contempt of court	44	4	48
Cruelty to animals	5	0	5
Cutting down trees	1	0	1
Damage to real property	1	0	1
Defrauding a hotel	1	0	1
Desertion	10	1	11
Disorderly conduct	2	1	3
Disturbing a funeral procession	1	0	1
Disturbing the peace	105	15	120
Disturbing a school	2	0	2
Drawing a fraudulent check	10	0	10
Driving a vehicle without light	1	0	1
Drunkenness	1361	93	1454
Enticing a girl away for immoral purposes	1	0	1
Escaped from insane hospital	1	0	1
False statement	2	0	2
Falsely pretending to hold a degree of M. D.	1	0	1
Fire-arms law relative to aliens, violating	3	0	3
Fish laws, violating	17	0	17
Food laws, violating	5	0	5
Forgery and uttering	8	0	8
Fornication	8	5	13
Fraudulently disposing of consigned merchandise	1	0	1
Fugitive from Justice	7	0	7
Gaming, and present at	151	3	154
Gaming implements in possession	4	0	4
Gaming nuisance, keeping	14	1	15
Giving insufficient measure	6	0	6
Giving short weight	6	0	6
Habitual Truant	3	0	3
Having a revolver in possession	2	0	2
Health laws, violating	1	0	1
Idle and disorderly	14	17	31
Illegitimate children act, violating	35	0	35
Illegal sale of liquor	40	15	55
Impersonating an officer	2	0	2
Incest	2	1	3
Indecent exposure	5	0	5
Indecent and insulting language	2	0	2
Injury to personal property	2	0	2
Injury to real property	7	1	8
Insane	4	1	5
Interfering with an officer	6	0	6
Keeping a disorderly house	1	6	7
Keeping a liquor nuisance	16	2	18
Keeping liquor with intent to sell	144	21	165

Keeping non-intoxicating beverages for sale illegally	10	0	10
Keeping an unlicensed dog	1	0	1
Labor laws, violating	11	0	11
Larceny	170	15	185
Larceny, attempt	1	0	1
Larceny in a building	1	0	1
Lewdness	11	5	16
Lewd and lascivious cohabitation	8	11	19
Liquor nuisance, aiding in maintaining	2	0	2
Lodging house laws, violating	0	2	2
Malicious mischief	1	0	1
Manslaughter	3	0	3
Misuse of milk bottles	4	0	4
Motor vehicle laws, violating	408	6	414
Narcotic drug laws, violating	16	3	19
Neglected children	10	4	14
Neglect of children	6	4	10
Neglect of family	123	0	123
Night-walking	0	4	4
Obstructing an officer	2	0	2
Obtaining money under false pretenses	1	0	1
Oleomargarine laws, violating	2	0	2
Park regulations, violating	4	0	4
Parole, violating	2	0	2
Passing counterfeit money	1	0	1
Perjury	2	0	2
Permitting gaming in licensed pool room	1	0	1
Probation, violating	4	0	4
Profanity	1	0	1
Promoting a lottery	2	0	2
Prostitution nuisance, keeping	0	1	1
Rape	9	0	9
Rape, attempt	11	0	11
Receiving stolen property	13	0	13
Riding a bicycle without light	1	0	1
Refusing to pay automobile fare	4	0	4
Refusing to restrain dog after notice	0	1	1
Ringing false alarm of fire	1	0	1
Robbery	6	0	6
Runaway from industrial School	0	1	1
Sale of leased property	3	0	3
Sale of diseased horse	1	0	1
School laws, violating	1	1	2
Selling cigarettes to a minor	3	1	4
Selling falsely marked goods	3	0	3
Selling obscene literature	1	0	1
Stubbornness	4	4	8
Threats	21	2	23
Tramps	5	0	5
Trespass	4	0	4
True name law, violating	10	8	18
Unlawful use of electricity	1	0	1
Vagrants	5	1	6

REPORT OF CHIEF OF POLICE

7 q

Violating destitute parent act	6	0	6
Violation of law relative to explosives	2	0	2
Violation of milk laws	2	0	2
Wilfully breaking glass	2	0	2
	<hr/> 3429	<hr/> 307	<hr/> 3736

PRIMARY DISPOSITION OF CASES.

Placed on file	671
Sentenced to penal institutions	532
Fined	990
Fined and sentenced to penal institutions	24
Released by order of the Court	737
Defaulted	63
Delivered to out of city officers	24
Delivered to Keeper of Jail	8
Delivered to Superior Court	1
Delivered to State authorities	1
Delivered to Department of Public Welfare	3
Bailed to appear out of city	7
Bailed to appear at Superior Court	2
Bonded to keep the peace	9
Complaints dismissed	218
Found not guilty	122
Bound over to grand jury	40
Guilty of being father of child	6
Insane hospitals	9
Summonses for out of the city	51
Cases pending	218
	<hr/> 3736

AMOUNT OF FINES PAID IN THE THIRD DISTRICT COURT

From January 1, 1922 to December 31, 1922, Inclusive

On Cases for the Year 1922.

Accosting women on the street	\$ 20.00
Admitting a minor to pool room	20.00
Assault	25.00
Assault and battery	1,148.20
Carrying a weapon	800.00
Conducting a dance on the Lord's Day	20.00
Contempt of court	20.00
Cruelty to animals	25.00
Disorderly conduct	20.00
Disturbing the peace	660.00
Disturbing a school	40.00
Drunkenness	90.00
Driving a vehicle without light	5.00
Falsely pretending to hold a degree of M. D.	100.00

Fornication	170.00
Gaming nuisance	250.00
Gaming implements in possession	50.00
Gaming, present at	1,405.00
Giving insufficient weight	110.00
Giving insufficient measure	30.00
Illegal sales of liquor	2,100.00
Illegal practice of medicine	100.00
Indecent exposure	10.00
Interfering with an officer	35.00
Keeping liquor with intent to sell	8,275.00
Keeping a liquor nuisance	475.00
Keeping non-intoxicating beverages for sale illegally	350.00
Keeping an unlicensed dog	10.00
Larceny	75.00
Lewdness	45.00
Misuse of milk bottles	30.00
Profanity	5.00
Promoting a lottery	125.00
Riding a bicycle without light	5.00
Refusing to restrain dog after notice	10.00
Selling obscene literature	100.00
Selling cigarettes to a minor	70.00
Threatening bodily harm	10.00
Violation of City Ordinances	181.00
Violation of Fire Arms Law relative to aliens	100.00
Violation of food laws	130.00
Violation of labor laws	60.00
Violation of health laws	10.00
Violation of law relative to explosives	10.00
Violation of milk laws	50.00
Violation of motor vehicle laws	5,440.00
Violation of narcotic drug law	375.00
Violation of oleomargarine law	200.00
Violation of park regulations	40.00
Violation of shellfish laws	10.00
Violation of true name law	160.00
Willfully breaking glass	10.00
Willful injury to property	20.00

Total amount of fines	\$23,634.20
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DISPOSITION OF SUPERIOR COURT CASES.

Filed	92
Sentenced to penal institutions	30
Fined and sentenced to penal institutions	10
Fined	67
Probation	69
Not guilty and discharged	5
Nol prossed	42
Insane hospital	1
No bill found	9
Defaulted	7

REPORT OF CHIEF OF POLICE

9 q

Committed suicide in jail	1
Delivered to Federal Court	1
Died	1
Continued	9

FINES PAID IN SUPERIOR COURT.

Illegal sales of liquor	\$ 600.00
Keeping liquor with intent to sell	1,635.00
Liquor nuisance	425.00
Gaming nuisance	75.00
Larceny	400.00
Assault and battery	275.00
Assault with dangerous weapon	175.00
Larceny, attempt	50.00
Violation of motor vehicle laws	1,180.00
Violation of chastity laws	500.000
Violation of City Ordinances	20.00
Receiving stolen property	25.00
Violation of motor vehicle junk license	35.00
Carrying a dangerous weapon	100.00
Adultery	75.00
Lewd and lascivious cohabitation	50.00
Breaking and entering and larceny	25.00
Keeping a common nuisance	50.00
Assault	400.00
Total	<hr/> \$6,095.00

WARRANTS AND SUMMONSES SERVED BY THIS DEPARTMENT FOR THE POLICE OF OTHER CITIES AND TOWNS.

OFFENCES.

Violation of motor vehicle law	48
Larceny	8
Larceny, attempt	1
Lewd and lascivious cohabitation	1
Runaway from Industrial School	1
Contempt of court	2
Stubbornness	1
Escaped from insane hospital	1
Neglect of child	1
Bastardy	1
Violation of parole	2
Violation of fish laws	8
Neglect of family	2
Fraudulent check	1
Keeping liquor with intent to sell	1
Cutting down trees	1
Total	<hr/> 80

WARRANTS AND SUMMONSES SERVED FOR THIS DEPARTMENT BY THE POLICE OF OTHER CITIES AND TOWNS.

OFFENCES.

Violation of motor vehicle laws	33
Idle and disorderly	1
Neglect of family	5
Larceny	1
Violation of food laws	1
Violation of City Ordinances	2
Violation of destitute parent law	1
Concealing leased property	1
Aiding and maintaining a liquor nuisance	1
Drawing a fraudulent check	2
Total	<hr/> 47

REPORT OF THE DETECTIVE DEPARTMENT.

Amount of total value of property recovered	\$24,071.60
Number of arrests	674
Number of cases investigated	11,064
Notices served	421
Search warrants served, for stolen property	25
Search warrants served, for liquor	31
Search warrants served, for gaming implements	1

Respectfully submitted,

WALTER ALMOND,

Captain of Detectives.

REPORT OF CHIEF OF TRAFFIC SQUAD.

Number of arrests	49
Summonses issued	180
Warnings filed	1,302
Hours of extra duty	654
Fines paid	\$2,921.00

1,250 automobile drivers have been requested to call at Police Headquarters for violations of the motor vehicle laws and after receiving a warning to be more careful in the future, no further action was taken.

98 complaints of automobile violations were made by private citizens. After investigations, 18 were summoned into court and paid fines amounting to \$275.00. Others were warned to be more careful when driving, and some drivers complained of, had committed no violations at all.

Respectfully submitted,

SERGT. IVAR V. NELSON,

Chief of Traffic Squad.

REPORT OF CHIEF OF POLICE

11 q

REPORT OF THE LIQUOR AND VICE SQUAD.

Number of arrests	350
Assisting Federal officers in liquor cases	34
Assisting Federal officers in narcotic cases	2
Search warrants served for liquor	208
Search warrants served for narcotic drugs	7
Search warrants served for gaming implements	8
Search warrants served for obscene literature	1
Search warrants served for lottery tickets	1
Cases investigated	60
Notices served	170
Hours of extra duty	148
Value of stolen goods recovered	\$610.00
Total amount of fines	\$16,480.00

Respectfully submitted,

ELLSWORTH C. JACOBS,

Sergeant.

REPORT OF POLICEWOMAN.

Investigations :	
Dances	214
Homes	198
Moving picture shows	3
Cases with inspectors	48
Cases referred to welfare organizations	23
Cases referred to clinics	15
Interviews with parents and guardians	101
Girls placed in positions	18
Arrests	4
Accompanying commitments from Court to State	
Institutions :	
Industrial School for Girls at Lancaster	3
Reformatory for Women at Sherborn	5
State Hospital for Insane	2
House of Good Shepherd at Boston	9

Respectfully submitted,

MYRTLE E. CODY,

Policewoman.

REPORT OF POLICE MATRON.

Total number of prisoners in Woman's Lockup during the year	176
Insane	2
Lost children	2
Prisoners adjudged insane	3

Respectfully submitted,

SARAH M. BROWNELL,

Police Matron.

REPORT OF THE SAFETY INSTRUCTOR IN THE PUBLIC
SCHOOLS—DATES OF SCHOOL VISITATIONS.

J. H. Taylor School	Jan. 1st	13 rooms
Emery Street School	Jan. 11th	15 "
Rodman School	Jan. 18th	14 "
Swift School	Jan. 29th	16 "
Ottiwell School	Feb. 6th	22 "
Dartmouth Street School	Feb. 13th	6 "
Merrimac Street School	Feb. 16th	6 "
St. Mary's School	Feb. 20th	13 "
Harrington School	Feb. 27th	10 "
Winslow School	Mar. 2nd	14 "
Phillips Avenue School	Mar. 6th	16 "
Mary B. White School	Mar. 13th	4 "
Clark Street School	Mar. 15th	11 "
Kempton School	Mar. 17th	8 "
Cedar Grove Street School	Mar. 22nd	16 "
Acushnet Avenue School	Apr. 3rd	12 "
Thompson Street School	Apr. 7th	10 "
Donaghy School	Apr. 11th	14 "
Allen F. Wood School	Apr. 27th	10 "
Ingraham School	May 1st	14 "
Thomas A. Greene School	May 4th	9 "
Clifford School	May 7th	14 "
Congdon School	May 17th	16 "
Dunbar Street School	May 26th	11 "
Parker Street School	June 1st	18 "
John B. De Valles School	June 12th	25 "
St. Killian's School	Sept. 18th	5 "
St. Joseph's School	Sept. 19th	6 "
St. Anthony's School	Sept. 21st	16 "
Holy Name School	Sept. 25th	11 "
Sacred Heart School	Sept. 30th	11 "
Holy Family School	Oct. 3rd	10 "
St. Hyacinthe's School	Oct. 6th	8 "
St. Anne's School	Oct. 9th	9 "
Friends' Academy	Oct. 16th	6 "
Charles S. Ashley School	Oct. 23rd	20 "
Lincoln School	Nov. 8th	21 "
Mt. Pleasant School	Nov. 20th	21 "
Jireh Swift School	Dec. 6th	16 "
Ottiwell School	Dec. 11th	22 "
Cedar Grove Street School	Dec. 18th	16 "

It is with great pleasure that I report that during the year several public spirited citizens of New Bedford became deeply interested in my Safety Work and donated a sum of nearly three hundred (\$300.00) dollars to me for the purchase of proper equipment with which to perform this work. With this sum of money I have had pictures of many of my injured children in the schools taken, enlarged, and transferred to stereopticon slides. The same method being observed in the taking of photos showing how they were actually injured.

During the next two weeks I expect to receive from the Swain Free School a number of drawings of Child Life for use in the kindergarten. For these drawings I have offered prizes totalling \$50.00 for the best examples of child life.

During the year I have received and accepted a large number of invitations to address gatherings of persons interested in social work. It has been their unanimous verdict that similar work should be undertaken in their cities.

During 1922 I visited and addressed 514 rooms in the schools. Since the beginning of the Fall Term of school, I have spoken in 172 rooms and have 331 rooms to finish before the end of the year. They are listed under the dates in the preceding report.

I respectfully request that an appropriation of not less than two hundred and fifty (\$250.00) dollars be secured from the City Government for the purchase of such equipment as may be needed in the furtherance of this work during the coming year.

I cannot close this report without acknowledging my sincere gratitude to the Principals and Teachers of our schools for their many acts of kindness and courtesy. Their courtesy and co-operation has been unflinching.

Respectfully submitted,

ALBERT B. WHITE,

Safety Instructor.

MISCELLANEOUS BUSINESS.

Amount of property stolen in the city	\$114,127.25
Amount of property recovered	\$87,565.74
Animals impounded	4
Ambulance calls	2939
Buildings found open and secured	844
Bicycles found	63
Cases investigated	34,168
Cats killed	3
Dangerous buildings reported	4
Dangerous dogs reported	13
Dangerous wires reported	24
Defective streets and sidewalks	203
Defective hydrants	5
Defective water pipes	14
Dead bodies found	7
Disturbances suppressed	144
Dog notices served	6
Dogs killed	18
Fire alarms given	19
Fires extinguished without alarms	38
Horses found cast	3
Horses killed	4
Hours of extra duty	4356
Intoxicated persons helped home	11
Lost children found and returned	397
Notices served	951

Rescued from drowning	1
Search warrants for liquor	232
Search warrants for stolen property	25
Search warrants for gaming implements	9
Search warrants for drugs	6
Search warrants for lottery tickets	1
Still alarms of fire	1
Street obstructions reported	21
Street obstructions removed	3
Stray teams picked up	19
Stray teams put up	9
Sick and injured persons assisted	14
Water running to waste	5

AUTOMOBILES STOLEN AND RECOVERED.

Automobiles stolen	103
Automobiles recovered	100

MOTOR VEHICLE ACCIDENTS WHERE INJURY TO
PERSON RESULTED.

Number of accidents reported where injury occurred	545
Number of persons fatally injured	17
Number of persons severely injured	124
Number of persons not severely injured	404
Total number of persons injured	545
Under 16 years of age, fatally injured	9
Under 16 years of age, injured	233

GAMEWELL POLICE SIGNAL SERVICE REPORT.

Number of duty calls	492,844
Number of wagon calls	1,404
Number of telephone calls	76,781

NUMBER OF MILES COVERED BY MOTOR VEHICLES.

Number of miles covered by ambulance (in centre)	5,849
Number of miles covered by ambulance (North)	6,337
Number of miles covered by patrol wagon	4,882
Number of miles covered by Buick touring car	14,789
Number of miles covered by Dodge touring car No. 2	9,691
Number of miles covered by Dodge touring car No. 3	15,209
Number of miles covered by Ford	1,985
Number of miles covered by motorcycle	4,734

Total	<hr/> 63,476
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PERSONNEL OF THE FORCE

CHIEF

Edward P. Doherty

DEPUTY CHIEF

Samuel D. McLeod

CAPTAINS

Daniel Deneen
George R. LawrenceHarry D. Stow
Frank W. Sylvia

CAPTAIN OF DETECTIVES

Walter Almond

LIEUTENANTS

Narcisse A. Breault
Raymond Chase
Harry C. Ellis
Thomas Fay
Edmund Foley
Arod B. Holloway
Albert B. MacKinstry
Charles L. McBayJeremiah McCarthy
James J. Moore
Albert E. Mosher
Frank L. Remington
James W. Savage
Daniel P. Sweeney
Chester L. Tripp
William Welsh

DETECTIVE LIEUTENANTS

James E. Bolton
William T. Cole
William F. Glennon
Joseph S. ManningJohn T. McKay
Raphael Pieraccini
Charles F. Smith
Hermes Touchette

SERGEANTS

Edward O. Brophy
Henry Butts
Charles F. Daley
Joseph A. Fernandes
Daniel F. Harrington
Edgar E. HeadEllsworth C. Jacobs
Lawrence Murphy
Ivar V. Nelson
William E. Searell
Joseph A. Sanders
Augustus F. Velho

DETECTIVE SERGEANTS

John W. Davies
Wilfred H. Dupuis
Charles FellLuke T. Haran
William H. McCarty
George A. Wilson

STENOGRAPHERS

P. Bert Taylor

Isabel F. Murphy

Estella B. Knox

REPORT OF CHIEF OF POLICE

INSTRUCTOR OF POLICE SCHOOL

Lieutenant Albert B. MacKinstry

SUPERVISOR OF IDENTIFICATION BUREAU

Lieutenant Raymond Chase

DEPARTMENT CLERK

Lieutenant Albert E. Mosher

INSPECTOR OF MINOR LICENSES

Dect. Lieut. Joseph S. Manning

IN CHARGE OF VICE SQUAD

Sergeant Ellsworth C. Jacobs

CHIEF OF TRAFFIC SQUAD

Sergeant Ivar V. Nelson

SUPERVISOR OF MOTOR EQUIPMENT

Hugh J. MacDonald

Joseph V. Turgeon

SAFETY INSTRUCTOR IN PUBLIC SCHOOLS

Albert B. White

POLICEWOMAN

Myrtle E. Cody

TELEPHONE OPERATOR

Anna E. Harrington

POLICE MATRON

Sarah M. Brownell

ELECTRICIAN

Lewis A. Frost

LINEMAN

Philias Cormier

PATROLMEN :

	Age	Years of Service
Aillery, Constant	50	13
Allen, Charles E.	54	20
Almond, William, Jr.	50	27
Ashley, Henry T.	45	18
Aque, Leo S.	39	2
Barbour, Robert L.	45	13

Bedford, Ellverado	42	6
Belisle, Victor	29	3
Berry, James W.	31	6
Blackburn, Hargreaves	35	4
Boehler, Max F.	38	9
Bonney, Stephen K.	31	3
Bourgeois, Albini	42	6
Boyer, Rober. Ht	25	
Breault, Joseph A.	46	9
Brennan, Michael J.	36	6
Briggs, Myron S. A.	48	11
Brightman, Ellery E.	54	14
Burgess, Edward	37	6
Burke, Henry	36	2
Burke, John F.	33	3
Carr, James Jr.	25	
Carr, Thomas E.	29	3
Carrier, George B.	27	
Carroll, Eudore M.	33	3
Cash, James	49	11
Caswell, Charles A.	57	17
Caton, Joseph W.	26	1
Chaput, Elrick M.	27	
Chausse, Onat A.	39	6
Chenel, Albert J.	46	4
Chisnell, Thomas A.	31	4
Coombs, Isaac C.	32	4
Cote, Wilfred	28	3
Cotnoir, Vincent S.	24	1
Coughlin, John J.	28	
Cox, Owen J.	32	2
Craft, James F.	59	18
Crapo, Albert A. Jr.	45	16
Cushing, William S.	52	18
Dahoney, Thomas	64	32
Davis, Albion G.	34	2
Deane, James	51	13
Deane, Michael J.	33	3
DeGrasse, Charles H.	51	6
Desjardins, Joseph A. C.	27	2
Desroches, Louis H.	43	2
Dodds, James	69	30
Doherty, Thomas	47	9
Downey, Daniel	53	17
Downey, Stephen P.	35	4
Downey, William M.	46	11
Doyle, John K.	27	
Dupuis, Patrick H.	37	11
Durant, Lawrence J.	53	20
Durkin, James J.	32	
Evans, John	46	11
Fanning, John F.	46	13

Faunce, Albert M.	43	5
Fay, John H.	43	16
Fowler, Harry	34	6
Francis, Antone	42	9
Freitas, Manuel	44	13
French, Robert E.	29	3
Gatenby, James S.	50	13
Gero, Henry P.	33	4
Gibbs, Nathaniel F.	54	20
Gilman, Joseph C.	30	2
Gobeil, Joseph	36	6
Goldrick, Daniel J.	25	1
Goldrick, James F.	34	2
Grant, George P.	46	15
Gregory, William	51	11
Haggerty, Timothy F.	40	9
Hall, Henry C.	30	1
Hamersley, Raymond	38	6
Harding, James P.	49	15
Harrington, Michael J.	28	3
Hayden, Abram L.	51	18
Hawes, Harry C.	39	6
Hickey, James M.	37	6
Hickey, Philip C.	27	1
Hickey, William B.	40	9
Hicks, William	36	
Hilton, John	27	
Hollingsworth, George	31	2
Horton, Eliphalet M.	58	18
Howes, Charles M.	37	6
Hutchinson, George R.	42	4
Hutchinson, Joseph	24	
Irwin, Henry Jr.	52	13
Johnson, Emery W.	33	
Johnson, Harry	44	13
Kane, John A.	35	6
Karcher, Fredreick Jr.	62	20
Kelley, Eugene J.	34	
Kelley, Michael J.	39	6
Kenney, Patrick	68	28
King, Anthony A.	27	
Koutroumpis, George J.	32	2
Lague, Ernest A.	32	4
Landreville, Joseph E. A.	34	4
Lapierre, William A.	42	2
La Roche, William T. J.	25	
Law, Jesse, Jr.	29	2
Leahy, William T.	46	15
Lemaire, Anthony C.	36	6
Lemrise, Albert T.	39	4
Lentz, Joseph A.	38	9
Livesey, Albert	27	
Lowther, George H.	63	26
Lussier, Peter	38	2

MacFarlane, Joseph A.	46	6
Machado, Frank S.	24	
Machado, Manuel	34	3
Manchester, Charles A.	40	2
Manning, James L.	44	4
Maynard, John E.	32	6
McCrohan, John H.	38	11
McDermott, Edward T.	31	1
McDonnell, James	54	26
McEnnis, Robert B.	66	28
McGoff, James E.	48	11
McLeod, Andrew F.	28	2
McNamee, John J.	36	4
Mendonca, John S.	28	
Messier, Joseph A.	42	4
Miller, John J.	48	15
Millette, Frank J.	33	2
Mitchell, William	42	15
Moore, Hugh J.	25	2
Moore, James J. Jr.	28	3
Mott, Cassius B.	47	6
Muldoon, Patrick J.	29	3
Muldoon, Thomas	41	6
Mullins, Enoch	55	13
Murdy, Robert H.	55	18
Murphy, Edward	40	10
Murphy, Francis A.	44	13
Murphy, William S. P.	32	4
Nault, Joseph C.	38	13
Nickerson, Charles F.	49	22
Normandin, Peter N.	28	2
Nunes, George J.	36	4
O'Donnell, William F.	34	2
Oliver, John F.	58	29
O'Rourke, John J.	31	6
O'Rourke, Joseph	28	2
O'Rourke, Thomas	30	6
Patterson, Charles G.	44	15
Perry, Anthony E.	36	6
Place, Joseph A.	59	16
Poirier, David J.	34	6
Pollock, John H.	36	9
Prifogle, Edward	45	11
Pykosz, Walter	29	3
Raymond, Edward	48	15
Reddy, Michael J.	36	6
Reed, George H.	31	4
Reedy, Joseph J.	36	6
Riley, William Jr.	32	1
Rooks, Albert H.	56	20
Rooks, John C.	65	36
Schneider, Raoul O.	41	4
Seddon, Edward	27	1
Seddon, Thomas Jr.	42	6

Smith, John P. Jr.	32	4
Souza, William H.	52	9
Spooner, Charles A.	36	6
Spooner, John C.	51	20
Stanley, Charles A.	34	6
Staples, Walter C.	50	9
St. Pierre, Joseph E.	29	4
Sullivan, James H.	58	21
Sullivan, John T.	40	6
Sullivan Matthew	49	16
Sweeney, James P.	38	2
Sylvia, Antone F.	50	15
Sylvia, Archie A.	31	4
Sylvia, William T.	37	3
Taber, Jeremiah M.	65	31
Turgeon, Antoine	34	
Valentine, Thomas A.	37	6
Vogel, Robert F.	55	25
Walsh, John P.	35	6
Walsh, William P.	32	6
White, Albert B.	42	15
Wicker, Ernest	29	1
Wilcox, Seth A.	52	18
Williams, Benjamin F. Jr.	50	16
Williams, Charles H.	48	15
Williams, John O.	38	2
Winterson, Henry B.	38	9
Woolfenden, Albert	45	13

CHAUFFEURS

Dalbee, Edmond	45	14
Meade, James G.	52	16
Ryan, William M.	55	24

RETIRED ON PENSION

	Age
Allen, Charles G. ✓	74
Cannavan, Patrick ✓	85
Downey, John B.	37
Ivey, James A.	66
Marder James	32
Mason, Henry W. ✓	83
McDonald, Daniel J.	60
Meehan, Daniel ✓	75
Paige, George W. ✓	76
Phinney, Charles E.	50
Smith, Andrew J.	79
Taft, Thomas J. ✓	71
Underwood, Willis C. ✓	64
Wixon, James A. ✓	81

RESERVE FORCE

	Date of Appointment
Burgess, John H.	Mar. 28, 1918
Clayton, Hugh A.	Dec. 27, 1922
Coughlin, Timothy W.	Dec. 27, 1922
Craft, John H.	Dec. 27, 1922
Dalton, Moses J.	June 23, 1921
Donnelly, Joseph H.	Dec. 27, 1922
Downey, James J.	Dec. 27, 1922
Doyle, Francis A.	Oct. 9, 1919
Dresner, William W.	Dec. 27, 1922
Dufresne, Arthur A.	Dec. 27, 1922
French, Fred E.	Oct. 13, 1920
Hirst, Robert W.	Dec. 27, 1922
Hughes, Thomas A.	Dec. 27, 1922
Hyland, John S.	Oct. 13, 1920
Kelley, Albert W.	Dec. 22, 1921
Larochelle, Eugene T. J.	Dec. 27, 1922
Masse, Napoleon O.	Dec. 27, 1922
Moore, Thomas F.	Dec. 22, 1921
Mullins, Doran L.	Dec. 27, 1922
McGuire, Edward J.	Dec. 27, 1922
O'Dowd, Martin F.	Dec. 19, 1921
Palmer, James L.	June 23, 1921
Pelletier, Joseph A.	Dec. 27, 1922
Prudhomme, Orila J.	Dec. 27, 1922
Quintin, Oscar R.	Oct. 9, 1919
Raymond, William	Dec. 27, 1922
Roberts, Charles F.	Oct. 9, 1919
Sheffield, Harold H.	Dec. 27, 1922
Sherman, George A.	Dec. 26, 1918
Simpkins, David	Oct. 9, 1919
Smith, Herbert	Oct. 9, 1919
Smith, Sydney H.	Dec. 27, 1922
Simmons, Manuel	June 23, 1921
Trudel, Augustine P.	Dec. 27, 1922
Upham, John J.	Oct. 9, 1919
Walsh, Arthur	June 23, 1921
Waring, Joseph	Dec. 27, 1922

PROMOTIONS

Under Civil Service Rules

Captain Samuel D. McLeod promoted to be Deputy Chief of Police; said promotion became effective April 9, 1922.

Detective Lieutenant George R. Lawrence promoted to Captain of Police; said promotion became effective April 9, 1922.

On June 15, 1922, the following named patrolmen were promoted to be Detective Sergeants, viz:

John W. Davies	Luke T. Haran
Wilfred H. Dupuis	William H. McCarty
Charles Fell	George A. Wilson

On December 27, 1922, Sergeants Edmund Foley, Arod B. Holloway, James J. Moore and William Welsh were promoted to be Lieutenants.

On December 27, 1922, Patrolmen Henry Butts, Joseph A. Fernandes and Daniel F. Harrington were promoted to be Sergeants.

APPOINTMENTS

On May 10, 1922, the following named persons, members of the Reserve Police were appointed to be regular police officers, viz :

Emery W. Johnson

Albert Livesey

On December 27, 1922, the following named persons, members of the Reserve Police, were appointed to be regular police officers viz :

Robert H. Boyer
James Carr, Jr
George B. Carrier
Elrick M. Chaput
John J. Coughlin
John K. Doyle
James K. Durkin
William Hicks

John Hilton
Joseph Hutchinson
Eugene J. Kelley
Anthony A. King
William T. J. LaRoche
Frank S. Machado
John E. Mendonca
Antoine Turgeon

On December 27, 1922, the following named persons were appointed from the Civil Service Eligible List to be Reserve Police Officers, viz :

Orila J. Prudhomme
James J. Downey
Doran L. Mullins
Joseph A. Pelletier
Timothy W. Coughlin
James H. Craft
Thomas A. Hughes
Joseph Waring
William W. Dresner
Hugh A. Clayton

Augustine P. Trudel
Edward J. McGuire
Sydney H. Smith
William Raymond
Harold H. Sheffield
Napoleon O. Masse
Robert W. Hirst
Eugene T. J. Larochelle
Joseph Donnelly
Arthur A. Dufresne

REMOVALS

Charges were preferred against Patrolman Emile A. Lemrise, William Christie and Arthur Gorner. After being given a hearing, said charges being proven and sustained, they were removed from this Department.

PENSIONED

The following named patrolmen were retired on a pension during the year, viz :

William A. E. Howland
James A. Ivey

Daniel J. McDonald
James Marder

Charles E. Phinney

In Memoriam.

DEPUTY CHIEF JOHN C. PARKER

Died February 8, 1922.

Aged 62 years, 5 months and 12 days

LIEUTENANT JOSEPH B. WING (Retired)

Died May 23, 1922.

Aged 75 years and 10 months

PATROLMAN TIMOTHY SULLIVAN (Retired)

Died January 11, 1922.

Aged 73 years, 9 months and 10 days.

PATROLMAN WILLIAM E. CLEARY

Died December 21, 1922.

Aged 44 years, 4 months and 6 days.

PATROLMAN WILLIAM A. E. HOWLAND (Retired)

Died December 30, 1922.

Aged 55 years, 6 months and 7 days.

DEPARTMENT.

I take pleasure in presenting for your consideration and approval a brief outline of the systems of work and instructions which have been introduced into the New Bedford Police Department, in order to place its members on an equal footing with the police officers of any city in America.

POLICE SCHOOL OF INSTRUCTION.

Entering upon the second term of its second successful year is the Police School of Instruction, under the direction of Lieutenant Albert B. MacKinstry.

Classes are held every day excepting Saturday, and two evenings a week, the night men going to the day classes and the day men going to the evening sessions. The average attendance at each class is twenty officers, and each officer is called upon to attend one session in each week.

The curriculum includes "Police Practice and Procedure" and through a well defined course of study and lectures, the results have been remarkable, and an officer now takes his place on the witness stand in court with a feeling of security and confidence which was heretofore lacking.

A book on "GENERAL INFORMATION FOR POLICE OFFICERS" was compiled by Lieutenant MacKinstry and Deputy Chief McLeod during the summer of 1922 for class-room use and study. This book was compiled after many hours of painstaking care by Lieutenant MacKinstry and Deputy Chief McLeod, and contains abstracts from the statutes of law which are exercised most, together with other information in police work. This book has proved its worth in many ways, and was welcomed by the officers. In short—it is a complete success.

An officer must be physically fit to perform his duty, and to this end we have a class in calisthenics, under the direction

of Patrolman Thomas Carr. Jiu-jitsu and boxing are the two principals taught, and the act of subduing boisterous prisoners is accomplished without harsh methods by use of same. This school is proving its worth and the officers enter into it with a spirit of enthusiasm and pleasure.

The use of a gun in police work, is a last resort, but when it MUST be used, one must know how to use it. We have established a class in marksmanship and the general use and instruction in revolver practice under the direction of Lieutenant Charles L. McBay.

In days gone by, a member of the force has carried his revolver for years without even taking it out of its holster, and in some cases it was never shot at all. This is all now eliminated, and we are developing some fine shots in the department.

In summing up the improvements in the way of instruction to officers, as above sketched, it is pleasing to note the results in the men. They are a snappier force, and I take pride in the personnel of the Department. The intelligence of the law which they display in court, instead of the hit or miss methods of times gone by, is worthy of note, and the sum total in one word spells EFFICIENCY.

RECOMMENDATIONS.

1. I respectfully recommend that this Department be given the use of the entire building known as "Police Station No. 2", at the corner of Blackmer and South Water Sts. The Department now occupies the first floor, and with the increased number of officers in this division, which includes all of the territory south of Cannon Street and west to the Dartmouth line, it is impossible to properly handle the business under the present conditions.

When officers assemble for roll call, there is not room for them to be seated; they have to line up against the wall.

Neither is there any room for lockers, etc. This would allow business to be transacted with some degree of secrecy, which is often necessary.

This would set aside the proposition of buying land and building a new Police Station in some other location in the South End for all time to come.

2. Owing to the constant and rapid growth of the North and Northwest sections of the city, I would recommend the installation of a separate switchboard in Station 5 at Weld Street, to relieve the constant strain of the present switchboard at Headquarters, which is now overloaded. The reason for this request is BETTER SERVICE. The old locations of police-duty call boxes were installed years ago, when conditions called for the police boxes in certain locations. However, since the advent of Prohibition and the abolition of the saloon, conditions have changed, and in order to obtain the best results and service, a large number of the signal boxes need to be changed, and placed in more serviceable locations. THE PRESENT LOCATION OF THE BOXES HAS BEEN THE SAME FOR THIRTY (30) YEARS. This would also include placing signal lights for the officers which are universally used in all cities.

I would also call attention to the fact that if at any time in the future a new police station was built farther north, when the occasion called for it, the expense of changing the switchboard would be a minor consideration, as provision would be made for that when being installed.

3. During the past few years, the automobile has increased by leaps and bounds in number, and in order to keep pace with, and provide for the future, I would suggest an extension of the present garage. LOCATION—south of the present Second Street side, which could be used for repair work, and additional machine space, in consideration of the fact that we are very fortunate in having men who are cap-

able of doing their own repairs to automobile and motor cycles.

This would not be such an expensive proposition as it would appear to be, inasmuch as it would not require any plumbing and the walls of the present building would be used as a part of the addition.

4. That the Department be provided with a book of Rules and Regulations, for the government of the Department. The present regulations we are now operating under, were compiled in the year 1903. The statute laws and City Ordinances have changed since that time, and it is obvious that the present rules are very much antiquated.

In closing I might say that the neediest of the above improvements, is the enlargement of the officers' quarters at Station 2,—it is the most urgently needed.

Respectfully submitted,

EDWARD P. DOHERTY.

Chief of Police.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

Jan. 25, 1923.

Received, ordered printed in the City Documents and
sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL,

Jan. 25, 1923.

Concurred,

HAROLD WINSLOW,
Clerk.

ANNUAL REPORT

OF THE

BOARD OF OVERSEERS

OF THE POOR

OF THE

CITY OF NEW BEDFORD

For the Year 1922



NEW BEDFORD, MASS.
A. E. COFFIN PRESS, PRINTERS,
1923

BOARD OF OVERSEERS OF THE POOR.
For 1922.

KOPEL COHEN, Chairman

EDWARD DeMELLO

A. DENNIS PERREAULT

STAFF.

CHARLES A. POIRIER,
Secretary.

ANTONE H. SENNA,
Visitor and Portuguese Interpreter.

JOSEPH A. DESJARDINS,
Clerk and French Interpreter.

CHARLES A. McAVOY,
Visitor.

RAYMOND HALLIWELL,
Visitor.

M. MAYBELLE COBB,
Stenographer.

SADYE COHEN,
Clerk.

M. JOSEPHINE TALFORD,
Mother's Aid Visitor.

Appointed May 5, 1922.

BERTHA V. HENTIS,
Provisional Stenographer.

MRS. KATHERINE E. BROWN,
Superintendent and Matron of Almshouse.

PHYSICIANS.

LOUIS A. PERRAS

LOUIS J. POBIRS,

ANTHONY J. RODERICK,

CHARLES A. B. PETERSON,

RAYMOND E. SENECALE,

J. B. MORRIS, Appointed Mar. 7, 1922.

A. H. STERNS, Appointed Mar. 7, 1922.

Chaplains at Almshouse.

REV. CHARLES S. THURBER,

REV. HENRY J. NOON

Appointed April 25, 1922.

April 21st, 1923.

*To His Honor, the Mayor, Board of Aldermen and
Members of the City Council, New Bedford, Mass.*

Gentlemen:—

The Board of Overseers, having been appointed in January, 1923, and the present report, covering only the year 1922, we wish to declare that the work of preparing the annual statement to the City Government was left with the Secretary, Mr. Poirier, whose familiarity with, and praiseworthy knowledge of, the affairs of the Poor Department have favorably impressed the present Board to the extent that we approve his views and commend his suggestions in the following report, which is now respectfully submitted, covering the fiscal year 1922:

Signed, JOHN MONIZ, Chairman,
 JOSEPH CHAUSSE,
 MARY E. RAWCLIFFE.

Despite the fact that the expenditures for the year were somewhat in excess of the appropriation allotted by the City Government of 1922, (\$23,706.95, to be exact) it is a source of gratification for the secretary to report that such expenditures were \$125,207.04 less than in 1921.

In 1921 the gross expenditures reached the unprecedented amount of \$503,410.16, while in 1922 there was a drop to \$378,203.12, showing, as above stated, a difference of \$125,207.04 in the matter of giving relief to the poor of the city, disbursing state and city pecuniary allotments to mothers with dependent children, and administering the Alms-house where the city's aged dependents of both sexes are boarded and cared for.

Such remarkable discrepancy strikes one as indicative of the extraordinary critical industrial conditions that prevailed in 1921, and the fact that the city of New Bedford, through its Overseers of the Poor and its staff of experienced officials was able to cope so successfully with the abnormal crisis, is deserving of more than ordinary commendation.

The report for that year will show that thousands of applications were received at this office from persons who were forced out of work through industrial depression, and who would never have found their way to this office but for the prevailing hard times.

Throughtout the dismal year we had been encouraged to hope for better prospects for 1922, and though the return to a relative prosperity has been slow and gradual, yet it is real and apparently stable, so that we are glad to report that in our deparment, evidence of improvement are to be seen every day. The higher wages which have recently been granted generally throughout the state serve but to confirm our optimism that 1923 will be a banner year in all industries and commercial enterprises. Such general prosperity naturally redounds to the benefit of the Poor Department, as it naturally diminishes the number of applications for aid.

The appended tables show in detail the expenditures for each separate division of the department and though figures

are but dry stuff, they convey to the taxpaying citizens very interesting information as to how thousands of dollars appropriated for poor relief are disbursed and distributed.

MOTHER'S AID, CHAP. 118, G. L.

In the Division of Mother's Aid considerable improvement has been effected, in the administration of its various departments, by the appointment of a woman supervisor whose duties consist mainly in instilling into the mothers aided, proper and beneficial education affecting themselves and their children along lines of better living conditions.

The Overseers, mindful of the fact that the working of the Mother's Aid Law should benefit especially those mothers and children aided, and eventually the community paying for such aid, have seen through the experience of other cities the advantages of giving to the mothers a female visitor, one able in the nature of things to understand and appreciate, to supervise and to counsel with that womanly touch and feeling that is especially needed in such humanitarian work.

Mrs. Josephine Talford was appointed in May, 1922, to supervise the Mother's Aid Division and every activity connected with the administration of that division. All applications for aid under this law are referred to her. She attends to all the visiting, reporting, recommendations in the matter of increase or decrease of allotments, and co-operates in every way with the state agents appointed to exercise supervision over the mothers aided.

As the figures specifically referring to the expenditure of Mother's Aid show, \$68,673.38 was expended in this division, which is a slight increase over the amount expended in 1921. Of course, there is a small increase in the number of mothers aided, but the policy of this benevolent legislation is not essentially to stint and economize where uplift and social betterment are concerned, for the law specifically states that the aid furnished shall be sufficient to enable the mothers to bring up their children properly in their own homes, so that

we need not wonder at the gradually increasing cost of administering this law. It is costing a pretty penny to the taxpayers and is necessarily costing more and more every year.

A new amendment has been introduced affecting the 14-year-old clause, so called, which now reads as follows:

"Section 1, Chap. 118, General Laws, amended by Chap. 376, Acts of 1922. (Operative Aug. 1, 1922.)

SECTION 1. This Chapter shall apply to all mothers and their dependent children under the age of 14 or between the ages of 14 and 16 if and during the time when such children are required under Section 1 of Chapter 76 to attend a public day school, whether or not they or any of them may have a settlement within the Commonwealth, who shall have resided therein not less than 3 years."

This clause, therefore, extends to practically 2 years the period of aid to be allowed mothers receiving this compensation, and increases future expenditures in a proportionate ratio. On the other hand there is a continuous dropping off of cases where children have reached the working age, and consequently we can say with almost certain accuracy that the number of Mother's Aid cases averages between 130 and 135 the year round. This proportion is not extraordinary in view of our constantly increasing population, and compares favorably with other cities in the state.

ALMSHOUSE

The general expenditures for the almshouse for 1921 were \$87,406.17, while for 1922 the department has been able to manage with \$80,391.54, effecting a saving over last year of \$7,014.63. With the new policy adopted by the Overseers to make away with farming activities in so far as they were conducted for purpose of profit, and to restrict all production at the farm to the exclusive use of the Almshouse, it is confidently hoped that a further saving in the cost of administering and maintaining the City Home for the Aged will be made.

In last year's report there was mention of a petition to the City Council to erect a combination chapel and assembly room, and we are pleased to report that although such a

building was not erected, a substantial substitute for the same has been found in making over certain rooms in the east end of the building, by demolishing a partition, so as to form a large, well ventilated and well lighted hall. This improvement certainly was desirable because the former chapel situated on the top floor of the Almshouse constituted a dangerous fire menace to the old and infirm that congregated there on Sundays.

Another remarkable feature of this year's improvements is the new men's dormitory erected at a cost of over \$8,000, affording comfortable sleeping quarters to 50 or more men. This dormitory is well lighted, properly ventilated, with all convenient facilities for washing and bathing. At one end of this building there is a large, commodious smoking room where the majority of the men assemble daily to smoke, lounge around, to play at different games, and to use generally in fine or inclement weather.

New lavatories either installed or remodelled form distinctive features of the 1922 improvements, and what with the new electrical wiring about the building considerable amelioration has been effected for the benefit of all concerned.

All in all, the Overseers are ever desirous to provide the city's aged and infirm wards all possible comfort consistent with a policy of justice and wise economy.

Respectfully submitted,

CHAS. A. POIRIER,
Secretary.

REVENUES AND CREDITS FOR FISCAL YEAR DECEMBER 1921, TO NOVEMBER 30, 1922.

Months	ALMSHOUSE			INDIVIDUALS		CITIES AND TOWNS		COMMONWEALTH OF MASSACHUSETTS					SERVICE TRANSFERS			Totals
	Produce	Stock	Miscel.	Board at Almshouse	Board Outside	Temp. Aid	Mothers' Aid	Temp. Aid	Sick Poor	Burials	Mothers' Aid	Miscel.	Board of Health	Highways	Miscel.	
1921 December	\$177.72	\$556.05	\$5.00	\$222.17		\$1,218.13	\$356.75		\$2,325.10		\$91.92		\$9.00			\$4,961.84
1922 January	70.50		26.12	76.85	17.50	252.62	102.25	\$10,928.94	31.50							10,960.44
February	23.20	167.00	20.00	285.00	81.00	1,218.66	863.91	4,885.85	354.02		621.43		278.67			8,798.74
March	10.00	338.00		212.00	10.00	1,915.56		91.65				\$.68		152.12		2,730.01
April	30.00	437.00	8.05	233.00	21.30		5.33	19,902.37			12,658.30			117.59		33,412.94
May	103.58	599.00	475.50	292.52	71.10	112.75		274.85	97.25	361.00	41.36					2,428.91
June	232.68	102.00	31.40	181.00		213.06		1,232.43								1,992.57
July	222.65	91.00	3.00	172.85	53.40		268.00	1,305.76	954.82	144.00				.54		3,216.02
August	258.89	482.00	4.00	190.00	82.23	82.50	992.74	3,217.25	3,009.76	30.00						8,349.37
September	114.31	176.00	20.23	161.00	80.00			3,630.60		30.00				136.32		4,348.46
October	405.18	146.00	75.05	199.56	75.50	75.89								69.20		1,046.38
November	37.83		47.50	232.14	115.50	22.50		202.81	840.00					206.37		1,704.65
	\$1,686.54	\$3,094.05	\$715.85	\$2,458.69	\$607.53	\$5,111.67	\$2,588.98	\$45,672.51	\$7,612.45	\$565.00	\$13,413.01	\$.68	\$287.67	\$682.14		\$84,496.17

DETAILED EXPENDITURES FOR OUTSIDE RELIEF DURING FISCAL YEAR DECEMBER, 1921, TO DECEMBER 30, 1922.

Months	Total Amounts	Overseers	Physicians	Office Clerks	Stationery and Printing	Office and Traveling Expense	Shoes and Clothing	Medicine	City Treasurer	Groceries	Fuel	Rent	Transportation	Hospital Charges	Burials	Board Outside Almshouse	State Institutions	Cities and Towns	Miscellaneous	Mothers' Aid (Gen. Laws Chap. 118)				
																				Cash	Fuel	Misc. etc.	Medicine and Hospital	Burials
Dec. 1921	\$21,740.48	\$124.08	\$327.76	\$1,332.31	\$126.85	\$96.65	\$588.54	\$249.75	\$3,400.00	\$7,240.50		\$89.50	\$10.00	\$1,585.60	\$252.00	\$520.89	\$413.71			\$5,108.00		\$202.54	\$70.00	
Jan. 1922	27,956.73	124.98	327.76	1,184.28		60.93	585.90	545.24	3,367.00	8,695.23	230.40	22.00	34.00	2,034.85	629.00	388.86	600.13	2,671.34		4,941.00	1,257.50	137.60	58.64	
Feb.	24,932.13	124.98	279.03	1,177.26	119.03	153.11	371.98	608.58	3,023.00	8,115.03		22.00	20.00	2,785.38	105.00	343.39	47.04	2,674.53		4,602.00		165.93	125.86	
Mar.	27,039.14	124.98	435.09	1,618.65		70.76	376.05	482.85	3,435.50	9,328.06		87.00	3.00	2,620.00	225.00	307.41	792.50	409.84		5,594.50	799.21	138.20	129.55	
Apr.	26,196.51	124.98	411.09	1,184.92	73.16	290.44	364.50	527.21	3,228.00	8,840.43		24.50	68.00	2,807.70	204.00	396.53	314.15	230.87	1,043.58	4,841.00	791.10	210.70	168.65	51.60
May	26,271.36	124.98	411.09	1,470.32	57.00	136.22	471.18	250.68	5,561.50	7,774.41		47.00		4,313.80	195.00	374.35	6.40	1,266.71		3,528.07		239.15	43.50	
June	23,655.21	124.98	411.09	1,174.92		100.24	345.70	389.23	3,223.71	7,021.58		97.00		3,200.25	45.00	473.18	1,014.59	120.67	2.12	5,463.00		163.40	188.25	
July	26,875.77	124.98	411.09	1,158.28	59.13	111.46	120.45	371.84	3,199.75	6,024.51	4,529.30	34.50		2,880.80	216.00	578.14	296.58	817.51		5,399.00	335.00	160.10	47.35	
Aug.	23,044.06	124.98	411.09	1,440.35	\$1.81	165.73	436.70	282.28	3,025.50	4,876.14		22.00	20.00	3,165.60	180.00	569.33		1,822.96		5,563.50		147.88	138.21	
Sept.	24,747.26	124.98	411.09	1,152.28	37.67	111.22	643.65	459.82	3,368.22	5,236.83		89.50	45.00	5,633.20	135.00	612.58	458.49		35.00	5,786.00		131.06	245.67	
Oct.	23,383.90	124.98	411.09	1,171.94	\$7.25	77.24	265.14	486.72	5,730.05	4,986.56		30.96	46.00	3,212.05	180.00	585.04	749.88	1,077.47	17.00	5,742.50		180.39	191.64	
Nov.	21,999.08	124.98	404.30	1,341.30		418.80	503.37	417.52	3,916.50	4,799.88		21.50	8.00	1,952.55	252.00	528.20	119.01	1,695.20		5,140.00		147.84	207.99	
	\$207,811.58	\$1,499.76	\$4,741.96	\$15,406.81	\$641.90	\$1,708.80	\$5,073.16	\$5,071.72	\$43,078.73	\$82,939.46	\$4,759.79	\$587.46	\$263.00	\$36,312.68	\$2,708.00	\$5,677.90	\$4,872.57	\$12,697.10	\$1,097.70	\$61,798.57	\$3,182.81	\$2,024.79	\$1,616.21	\$51.00

DETAILED EXPENDITURES FOR THE ALMSHOUSE DURING FISCAL YEAR DECEMBER, 1921, TO NOVEMBER 30, 1922.

Months	Total Amounts	Sept. and Matron	Physician	Pay Rolls	Stationery and Printing	Telephones and other Expenses	Clothing and Dry Goods	Shoes and Findings	Medicines	Meats and Fish	Groceries	Ice	Tobacco	Miscellaneous Supplies	Transportation	Food and Light	Hardware and Tools	Paint and Glass and Oils	Lumber	Grain	Wagons, Autos Bicycles, Harness	Furniture and Furnishings	Repairs to Buildings and Fixtures	Miscellaneous
Dec. 1921	\$7,739.86	\$100.00	\$55.56	\$2,402.01	\$4.00	\$66.23	\$321.43	\$17.42	\$398.04	\$511.61	\$734.33	\$84.38	\$79.20	\$31.76		\$879.05	\$398.60	\$114.76	\$5.05	\$218.75	\$61.07		\$815.92	\$440.00
Jan. 1922	6,317.48	100.00	55.56	2,050.00		71.83	432.57	14.92	11.90	512.91	1,024.20		98.60	231.48		869.86	38.06	17.50	\$2.31	277.30	45.56	144.30	22.76	215.86
Feb.	6,052.19	100.00	55.56	1,948.00		54.01	434.02	95.25	194.05	556.53	681.34		96.75	191.14		702.10	51.68	26.71	13.70	301.25	14.00	22.80	105.07	161.60
Mar.	6,478.50	140.00	55.56	2,530.50		27.17	156.86	6.06	257.05	588.10	371.19		96.75	323.30		309.78	30.57	72.49	18.65	450.35	227.79		162.58	653.75
Apr.	5,213.14	120.00	55.56	1,977.00		73.35	60.74	31.25	75.00	763.64	315.67	28.60	96.75	179.90		491.28	32.48	17.48	15.58	329.60		215.90	243.56	90.60
May	6,814.94	150.00	55.56	2,503.00		109.74	177.97	23.71	407.13	702.54	544.63			286.77		518.68	94.48	26.76	30.60	261.90	723.80	192.64	42.33	163.00
June	5,337.87	120.00	55.56	2,121.00		35.41	57.28	9.44	125.40	539.66	784.64	35.70	96.75	424.57		149.32	59.45	29.54	3.07	208.75	69.76	7.50	95.82	135.25
July	6,647.97	135.00	55.56	2,191.01		212.22	119.08	11.50	79.25	436.45	761.66	98.74	186.40	89.05		209.34	149.39	79.10	1.08	233.25	34.63	187.56	1,130.40	157.30
Aug.	6,210.30	175.00	55.56	2,989.50	16.00	74.87	273.73	34.97	70.60	643.24	586.47		51.60	85.54		304.82	161.44	183.40	45.17	89.50	53.44	13.50	235.17	72.78
Sept.	5,993.69	140.00	55.56	2,295.00	2.00	125.79	236.35		406.59	535.99	773.43	95.40	80.80	119.10		71.21	8.75	23.80	92.16	316.80	85.40	161.69	144.84	232.03
Oct.	8,808.97	140.00	55.56	2,273.13		163.42	282.26	1.60	75.00	540.24	587.52	43.30	79.60	72.74		659.90	130.37	59.48	90.61	262.35	17.15	10.20	3,290.44	64.10
Nov.	8,750.63	165.00	55.56	2,592.35		126.67	306.19	41.50	572.85	574.64	719.68	30.70	114.97	108.35		620.22	73.19	28.00	9.76	312.32	61.49		2,109.93	118.26
	\$80,301.54	\$1,585.00	\$666.72	\$27,872.50	\$22.00	\$1,080.71	\$2,858.78	\$287.62	\$2,672.86	\$6,903.55	\$7,884.76	\$425.82	\$1,078.17	\$2,137.70		\$5,875.56	\$1,225.26	\$679.05	\$407.74	\$3,262.12	\$1,394.09	\$956.09	\$8,068.82	\$2,444.62

OVERSEERS OF THE POOR

9

CASES AIDED IN 1922.

Number settled in New Bedford,	2586
Number of state cases,	811
Number settled in cities and towns,	121
	<hr/>
Total cases,	3521
Total number of persons aided in 1922,	7675

NUMBER OF CASES AIDED ELSEWHERE

New Bedford Cases aided in other cities and towns of the state. Families	216
Amount paid out to cities and towns during 1922.	\$12,697.10

CHILDREN IN INSTITUTIONS, ETC.

Number of pauper children settled in New Bedford, boarded in families,	49
Number of pauper children settled in New Bedford, aided in institutions,	66
	<hr/>
	115
Number of pauper children (state and cities and town charges)	
Boarded in families,	20
Boarded in institutions,	5
	<hr/>
	25
Total	140

RECAPITULATION.

RECEIPTS.

Appropriation,	\$270,000.00
Revenues and Credits,	84,496.17
	<hr/>
	\$354,496.17

EXPENDITURES.

Outside Relief,	\$229,138.20
Mother's Aid,	68,673.38
Alms-house,	80,391.54
	<hr/>
	\$378,203.12

HOSPITAL CASES

Paupers given hospital treatment other than
in our Almshouse Wards :

Number of State paupers,	206
Number of city and town paupers,	39
Number of New Bedford paupers,	686
<hr/>	
Total hospital cases,	931
Amount paid local hospitals in 1922,	\$36,312.68

BOARD OF HEALTH

Number of histories procured and settle- ments determined by this department for Board of Health,	191
---------------------------------------------------------------------------------------------------------	-----

BURIALS.

Number of persons buried by this depart-
ment as follows :

State paupers,	53
Settled in New Bedford,	86
Settled in cities and towns,	9
<hr/>	
	148
Cost of burials,	\$2,708.00

TRANSPORTATION OF PAUPERS

Number of persons sent to State Farm and Tewksbury,	42
--------------------------------------------------------	----

MOTHER'S AID LAW

Number of Families aided in 1922,	133
Number of widows aided in 1922,	120
Number of deserted mothers,	10
Number of mothers with husbands in institutions,	3
Number of divorced mothers,	0
Amount expended for Mother's Aid,	\$68,673.38
Average cost of aid to each family during year,	\$516.34
Average weekly total,	\$1,320.64
Average weekly per capita,	\$2.23

	Cases	Persons
Number of New Bedford cases,	109	492
Number of State cases	18	75
Number of cities and towns,	6	24
	<hr/>	<hr/>
Total number of cases and persons,	133	591

EXPENDITURES CLASSIFIED UNDER
FOLLOWING HEADS.

Months	Outside Relief Temp. Aid	Mother's Aid	Almshouse	Totals
Dec. 1921	16,359.04	5,381.44	7,739.86	29,480.34
Jan. 1922	21,561.99	6,394.74	6,317.48	34,274.21
Feb. 1922	19,978.34	4,953.79	6,052.19	30,984.32
Mar. 1922	20,377.68	6,661.46	6,478.50	33,517.64
Apr. 1922	20,134.06	6,062.45	5,213.14	31,409.65
May 1922	22,460.64	3,810.72	6,814.94	33,086.30
June 1922	17,840.56	5,814.65	5,357.87	29,013.08
July 1922	20,934.32	5,941.45	6,647.97	33,523.74
Aug. 1922	17,164.47	5,879.59	6,216.30	29,260.36
Sept. 1922	18,554.53	6,162.73	5,993.69	30,710.95
Oct. 1922	17,269.37	6,114.53	8,808.97	32,192.87
Nov. 1922	16,503.20	5,495.83	8,750.63	30,749.66
	229,138.20	68,673.38	80,391.54	378,203.12

REPORT OF PHYSICIANS TO THE BOARD
OF OVERSEERS OF THE POOR
FOR 1922.

	House Visits	Office Calls	Births	Deaths	Visits to Almshouse	Operations
Dr. Louis A. Perras,	133	261	2	49	297	0
Dr. L. J. Polirs	641	126	13	0	0	0
Dr. R. E. Senecal,	582	392	22	5	1	0
Dr. C. A. B. Peterson,	25	695	0	0	4	102
Dr. J. B. Morris,	724	408	14	8	1	0
Dr. A. H. Sterns,	224	63	2	0	1	0
Dr. A. J. Roderick,	280	127	1	3	0	0
Dr. E. Faiclla,	70	4	1	0	0	0
	<hr/> 2679	<hr/> 2076	<hr/> 55	<hr/> 65	<hr/> 304	<hr/> 102

The rate per visit of doctors' calls has been computed to be \$1.00

ALMSHOUSE REPORT

For the Year Ending, Nov. 30, 1922.

Month	Admitted	Discharged	Remaining
December, 1921	22	16	198
January, 1922	19	22	195
February, 1922	16	12	199
March, 1922	15	21	193
April, 1922	9	21	181
May, 1922	13	22	172
June, 1922	18	15	175
July, 1922	8	18	165
August, 1922	12	9	168
September, 1922	21	22	167
October, 1922	11	11	164
November, 1922	11	18	157
Totals,	175	210	2134
Number of inmates remaining Dec. 1 1921			192
Number of inmates admitted in 1922			175
Number of inmates discharged in 1922			210
Number of inmates remaining Nov. 30, 1922			157
Average number of inmates monthly			178
Number of inmates having no settlement			23
Number of inmates settled in New Bedford			344
Total number of cases aided in 1922			367
Per capita cost of each inmate weekly,			\$7.74

VEGETABLES.

Potatoes,	600 bushels
Beets,	1200 bunches
Onions,	82 bushels
Beans,	14 bushels
Squash,	8 tons
Raripes,	2000 bunches
Radishes,	22 doz. bunches
Cabbage,	10,000 heads
Tomatoes,	100 bushels
Celery,	1500 Plants
Turnips,	325 bushels
Carrots,	25 bushels
Lettuce,	10,000 heads
Sweet Corn,	3 acres
Musk melons,	30 bushels
Spinach,	4 bushels
Peas,	3 bushels
Cucumbers,	1500 bushels
Ensilage Corn,	10 acres
Hay,	80 tons
Millet,	8 tons
Rye,	12 acres
Pigs,	155
Calves,	13
Milk,	42,000 quarts
Eggs,	1000 dozen

IN BOARD OF ALDERMAN,

April 26, 1923.

Received, ordered printed in City Documents and sent
down for concurrence.

RODULPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

April 26, 1923.

Concurred.

HAROLD WINSLOW,

Clerk.

ANNUAL REPORT

OF THE

Sealer of Weights and Measures

OF THE

CITY OF NEW BEDFORD, MASS.

FOR THE YEAR 1922



NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS — PRINTERS
1923

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

February 23, 1923.

Received, ordered printed in City Documents and sent
down for concurrence.

RODOLPHUS A. SWAN.

City Clerk.

IN COMMON COUNCIL,

February 23, 1923.

Concurred.

HAROLD WINSLOW,

Clerk.

REPORT OF SEALER OF WEIGHTS AND MEASURES

February 6, 1923.

*To His Honor the Mayor and Members of the
City Government:*

In submitting my annual report for the year ending November 30, 1922, I desire first of all to call your attention to the fact that more work has been performed than in any other year in the history of the weights and measures department, and it has been performed this year with one man less than the previous year. This is due primarily to the fact that we were supplied with automobiles by his Honor the Mayor at the beginning of the year which enabled us to reach given points in quicker time.

I wish to say in this regard that it has of course, meant more work for the men employed here and I want to pay a tribute to them at this time for the efficient work they have performed and do sincerely hope that the Mayor and members of the City Government will see their way clear to reward them in the near future.

The scope of our work is continually being enlarged. This year under the law we have taken up clinical thermometers and testing and sealing of glass graduates. We have been very pleased to do this as we feel that it is a great benefit to the public to know that the thermometers are correct and that medicines which we are all unfortunately obliged to take at times are measured correctly. While this has entailed quite a large expense to the drug store men they have co-operated with us in this manner for which I desire to thank them along with all the rest of the merchants.

The coal situation as you are no doubt aware has been acute this year. Along this line I wish to state that we are

endeavoring to secure legislation. One would be to standardize the paper bags to prevent the selling of bag coal only in quantities of 20 or 25 lb. The other is to drive out the profiteering which has been so rampant among the coal baggers this year by requiring a license to be issued for the sale of coal. To the big coal dealers I wish to pay a tribute. They have shown a splendid spirit all through this crisis, co-operating with us in every way and have done their best to sell coal at a reasonable price. The profiteering has been done by the baggers and the storekeepers. To illustrate I just want to point out in one instance, coal originally cost \$16.50 a ton over the road in New Bedford, sold in an 18 lb. bag for 21c, resold by one storekeeper at 25c to another and then resold again for 30c per 18 lb. bag.

As you are no doubt aware we have been removed to the central police station and are on the second floor. The quarters are very satisfactory as regards light and air and I have no fault to find with the removal but wish to state that it entails inconvenience to the public having to carry up and down two flights of stairs, weights and platform scales. If we have to remain here permanently I believe some provision should be made for an elevator. This would, of course, make it easier for us and it certainly would be a great convenience for the public.

There is another feature in the removal to which I desire to call your attention. As you are probably aware hawkers and peddlers applying for a city license under the ordinances must first of all have their scales and measures tested and sealed. Then they have to go to the city hall for their license which is an inconvenience to them and along these lines I wish to say that while without any desire to take from the City Clerk's office any of their prerogatives, I believe that the ordinance requiring them to go to the City Clerk's office could be changed with advantage to all and following the practice which is common in most of the large cities to have

the police department and the sealer of weights and measures have the power to grant these licenses. I wish to further point out that all hawkers and peddlers licenses have to be passed upon to a certain degree by the police department prior to them being issued. As we are at the present time it means that first of all the license blanks have to be filled out in the sealer's office and then sent to the city clerk's office. From him it is given to the officer in charge to be passed upon by the police department.

I don't know how the city clerk would take this matter as it is not with any intent or desire, or with any meaning that the work has not been efficiently performed but just for the sake of the convenience to the public. If the suggested change was made it would simply mean that they could come to the office of the sealer; being in the police station we could quickly confer with the chief of police and in a few minutes the question could be settled as to whether or not the applicant was fitted to have a license. It would not mean any increase in the clerical force here. It would mean a little more work in the interest of efficiency and I believe it would be a good move.

In conclusion I wish to express my thanks publicly to the police department and the chief for their very efficient co-operations during the past year in the enforcement of the laws regarding weights and measures and particularly to thank the chief and deputy chief for the kind manner in which they have treated us since we have been placed in the central police station. They have gone out of their way to make matters pleasant for us and to make us feel at home.

WORK PERFORMED FROM DECEMBER 1, 1921
to NOVEMBER 30, 1922, INCLUSIVE

Trial Weighings and Measurements of Commodities
Sold or Put up For Sale.

	Total No. Tested	Number Correct	INCORRECT	
			Under	Over
Bread.....	1374	1008	209	157
Butter..	243	226	16	1
Coal (in paper bags).....	987	898	42	47
Coal (in transit).....	8	...	5	3
Coke (in paper bags).....	392	392	...	...
Confectionery.....	351	300	26	25
Dry commodities.....	1643	1394	144	105
Flour.....	201	170	7	24
Fruits and vegetables	185	143	30	12
Hay	150	90	59	1
Ice.....	23	21	...	2
Kindling wood	706	706	...	...
Meats and provisions.....	119	110	7	2
Wood (cord).....	5	...	5	...
Oleomargarine.....	14	14	...	...
Cakes.....	20	14	...	6
Lard, etc.....	87	85	1	1
Cheese.....	76	67	4	5
Beverages	6	6	...	...
TOTALS	6590	5644	555	391

INSPECTIONS MADE.

1. Paper or fibre cartons..	250	11. Ice Scales.....	10
2. Pedler's licenses.....	182	12. Junk Scales.....	12
3. Milk jars.....	288	13. Metal ice cream	
4. Coal certificates.....	8	containers.....	9900
5. Marking of food		14. Yard Measures.....	19
packages.....	2157	15. Milk Dealers.....	2
6. Labels on Bread	535	16. Wood dealers	30
7. Bakeries.....	8	17. Measures	42
8. Transient vendors	5	18. Bottles	5
9. Clinical thermometers..	511	19. Stores.....	516
10. Pedlers' scales.....	52		

TESTS MADE

1. Climax Baskets.....	14
2. Approved paper cartons.....	20
3. Retests of Gas. devices after scaling.....	62
4. Berry baskets.....	3551
5. Mfrs. sealed milk jars.....	288
6. Scales in stores.....	935

Scaling Fees collected.....\$1908.72

Total cost of dep't including salary, equipment,
etc.\$12,931.59

Six court cases, all found guilty.

Total amount of fines \$60.00

Amount of money received for county, city, and
state licenses.....\$2,919.00

Two coal cases put in court and fined. Shortages
in most of the other cases were very slight. In each case
they were warned to use more care and it was found to be
satisfactory in most cases.

WORK PERFORMED FROM DECEMBER 1, 1921
TO NOVEMBER 30, 1922, INCLUSIVE.

1. SCALES	Sealed	Adjusted	Non-Sealed	Condemned
Platform over 5000 lbs.....	85	10	7	16
Platform, 100 to 5000 lbs.....	1478	250	46	102
Counter, 100 to 5000 lbs.....	13	5	1	3
Counter, under 100 lbs.....	672	125	19	35
Beam, 100 to 5000 lbs.....	236	6	3	9
Beam, under 100 lbs.....	14	...	...	2
Spring, 100 to 5000 lbs.....	173	15	...	10
Spring, under 100 lbs.....	1650	249	16	116
Computing, 100 to 5000 lbs. .	4	1	...	2
Computing, under 100 lbs...	903	66	7	41
Personal weighing (slot).....	206	29	4	32
Prescription.....	98	8	...	4
Jewelers'.....	20	2	...	2
2. WEIGHTS				
Avoirdupois.....	8672	309	...	43
Apothecary.....	1086	235	...	61
Metric.....	754	61	...	40
Troy.....	241	8	...	6
Karat.....	53	...	...	...
3. VOLUMETRIC MEASURES				
Liquid measures.....	1975	85	4	91
Ice cream cans.....	100	...	...	...
Dry measures.....	265	...	...	6
Fuel baskets.....	103	...	...	...
4. AUTOMATIC LIQUID - MEASURING DEVICES				
Gasoline pumps.....	222	116	18	53
Gasoline Meters.....	2	1	...	...
Kerosene pumps.....	100	18	49	38
Molasses Pumps.....	8	1	57	22
Stops, etc. on pumps.....	1192	396	3	...
5. LINEAR MEASURES				
Yard sticks.....	792	...	...	20
Tapes.....	9	...	...	2
Cloth measuring devices.....	16	...	...	...
Totals.....	<u>21,142</u>	<u>1996</u>	<u>234</u>	<u>756</u>

ANNUAL REPORT
OF THE
SCHOOL COMMITTEE
OF THE
CITY OF NEW BEDFORD

For the Year 1922

NEW BEDFORD:
NEW BEDFORD PRINTING CO., PRINTERS

1923

Report of the School Committee.

STATISTICS.

I. POPULATION AND VALUATION.

The population of the city (census of 1890) was	40,705
The population of the city (census of 1895) was	55,251
The population of the city (census of 1900) was	62,442
The population of the city (census of 1905) was	74,321
The population of the city (census of 1910) was	96,652
The population of the city (census of 1915) was	109,462
The population of the city (census of 1920) was	121,217
Valuation of the taxable property (192-) was	\$200,954,491.00
School houses and lots,	5,851,728.00
Hathaway Playground,	11,575.00
Other school property,	322,803.95

II. APPROPRIATION.

Rate of taxation,	\$28.20
Amount for school and community center purposes not including new buildings,	\$1,388,000.00

III. SCHOOL CENSUS.

Number of children between five and sixteen years of age, and illiterates between sixteen and twenty-one years of age reported by the census enumerators, in accordance with the census record taken April 1, 1922:

Between 5 and 7 yrs.	3,106
Between 7 and 14 yrs.	15,728
Between 14 and 16 yrs.	4,027
Between 16 and 21 yrs. (illiterates)	1,813

IV. SCHOOL ORGANIZATION, JUNE 30, 1922.

High school,	1
Grammar schools,	6
Mixed schools—Grammar, Primary and Ungraded,	8
Primary schools,	17
Suburban schools,	2
Fresh Air classes,	3
Orthopaedic class,	1
Conservation of Eyesight classes,	2
Cooking schools,	3
Manual Training schools,	4
Special Classes for Mentally Retarded,	6
Continuation schools,	3

V. SCHOOL BUILDINGS, JUNE 30, 1922.

Permanent schoolhouses,	36
Portable schoolhouses,	24
Frame buildings,	2

VI. TEACHERS AND PRINCIPALS.

Whole Number in Service, January, 1923.

High school,	51
Elementary schools,	472
Supervisors and assistants,	29
School nurses,	6
Evening High school,	20
Evening Elementary schools,	109
Americanization classes,	57
Continuation schools,	28

PUBLIC SCHOOLS.

	1922	1921		
Enrollment of pupils,	18,317	17,069	increase	1,248
Average membership,	16,759	16,254	increase	505
Average daily attendance,	15,826	15,445	increase	381
Aggregate attendance,	2,975,666	2,889,834	increase	85,832

PRIVATE AND PAROCHIAL SCHOOLS.

	1922	1921		
Enrollment of pupils,	4,636	4,424	increase	212
Average membership,	4,414	4,165	increase	249
Average daily attendance,	4,238	4,028	increase	210
Aggregate attendance,	771,964	733,820	increase	38,144

PUBLIC, PRIVATE AND PAROCHIAL SCHOOLS.

	1922	1921		
Enrollment of pupils,	22,953	21,493	increase	1,460
Average membership,	21,173	20,419	increase	754
Average daily attendance,	20,064	19,473	increase	591
Aggregate attendance,	3,747,630	3,623,654	increase	123,976

TABLE 1.

The cost of instruction per scholar is based on the average number belonging and the total amount expended for the maintenance of each department, not including the expenditures from the Sylvia Ann Howland Educational Fund, Paisler Fund, or Dog Fund, during the year.

High school,	\$126.64
Elementary schools,	74.02
Evening Elementary schools,	15.74
Evening High school,	16.28
Day school,	77.36
Americanization,	4.80

RECEIPTS AND EXPENDITURES. 1920-1921.

Summary.

Total appropriations, general and subsequent,	\$1,388,000.00
Total expenditures,	1,405,609.40
Deficit,	\$17,609.40

RECEIPTS—APPROPRIATIONS FROM CITY COUNCIL.

Teachers' Salaries—		
General,	\$745,000.00	
Subsequent,	231,500.00	
	—————	\$976,500.00
Incidentals—		
General,	\$255,000.00	
Subsequent,	7,000.00	
	—————	\$262,000.00
Repairs—		
General,	\$45,000.00	
Subsequent,	10,000.00	
	—————	\$55,000.00
Continuation Schools—		
General,	\$73,000.00	
	—————	\$73,000.00
Community Centers—		
General,	\$15,000.00	
	—————	\$15,000.00
Playgrounds—		
General,	\$6,500.00	
	—————	\$6,500.00
		\$1,388,000.00

EXPENDITURES—MONEY RAISED BY TAXATION.

For teachers' salaries:

Day schools,	\$952,880.80	
Evening schools,	34,145.50	
Summer schools,	1,966.40	
	—————	\$988,992.70

For incidentals:

Salaries: Superintendent and Secretary, Assistant Superintendents, Grade Super- visor, Inspector School Property, Depart- ment Mechanic, Clerks, Attendance Offi- cers, Nurses, Janitors, and Miscellaneous Service,	\$131,378.48
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------

SCHOOL REPORT

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Books and supplies,	\$55,007.34	
Janitors' supplies,	5,888.87	
High School engine room,	181.84	
High School science,	1,354.19	
Sewing,	447.52	
Fresh Air classes,	314.55	
Health and hygiene,	2,124.71	
Fuel,	38,473.91	
Lighting,	4,641.65	
Water rates,	5,540.09	
Printing and advertising,	3,595.38	
Freight and carting,	1,449.34	
Transportation,	1,913.00	
Cooking school,	1,303.68	
Manual Training school,	1,485.14	
Bristol County Training school,	544.66	
Office,	1,244.47	
Survey,	4,193.95	
Automobiles,	1,709.80	
Miscellaneous expenses (furniture, tele- phones, etc.),	7,402.26	
	<hr/>	\$270,194.83
For continuation schools:		
Salaries: Director, Teachers, Clerks and Janitors,	\$57,219.12	
Equipment and maintenance,	12,052.59	
	<hr/>	\$59,271.71
Community Centers:		
Salaries,	\$12,951.44	
Equipment and maintenance,	1,651.01	
	<hr/>	\$14,602.45
Playgrounds:		
Salaries,	\$4,270.47	
Maintenance,	2,029.93	
	<hr/>	\$6,300.40
For repairs of buildings:		\$56,247.31
Total,		<hr/> \$1,405,609.40

Appropriated for:		
School Furnishings,	\$64,000.00	
Expended,	56,247.31	
	<hr/>	\$7,752.69
Balance carried forward to 1923,		
Fire Prevention,	\$13,000.00	
Expended,	0,000.00	
	<hr/>	\$13,000.00
Balance carried forward to 1923,		

Receipts from Other Sources, Paid to City Treasurer.

For tuition non-resident pupils,	\$9,536.40	
For tuition State Charity pupils,	50.78	
For sale of books and supplies,	247.31	
For discarded books, junk, etc.,	314.32	
Reimbursement from Mass. Commission for the Blind,	1,000.00	
Reimbursement for Americanization classes,	11,890.45	
Reimbursement for Continuation Schools:		
State,	33,689.38	
Smith Hughes Fund,	2,426.46	
Sale of products,	337.75	
Reimbursement for Teachers' Salaries,	97,311.45	
	<hr/>	\$156,804.30

INCOME FROM TRUST FUND, ETC.

S. A. Howland Educational Fund,	\$2,139.10	
Jonathan Bourne Prize Fund,	50.00	
Dog Fund,	3,868.10	
C. S. Paisler Fund,	803.16	
	<hr/>	\$6,860.36

1922.

SYLVIA ANN HOWLAND EDUCATIONAL FUND.

Balance of income on hand, Dec. 1, 1921,	\$297.68	
Income during year,	2,139.10	
	<hr/>	\$2,436.78
Expenditures for the year,		1,720.46
		<hr/>
Balance, Dec. 1, 1922,		\$716.32

1922.

JONATHAN BOURNE PRIZE FUND.

Balance of income on hand Dec. 1, 1921,	\$25.00	
Interest for the year,	50.00	
	<hr/>	\$75.00
Expenditures for prizes,		60.00
		<hr/>
Balance, Dec. 1, 1922,		\$15.00

1922.

DOG FUND.

Balance, Dec. 1, 1921,	\$8.36	
Income, 1922,	3,868.10	
	<hr/>	\$3,876.46
Expenditures for the year,		3,873.99
		<hr/>
Balance, Dec. 1, 1922,		\$2.47

SCHOOL REPORT

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1922. C. S. PAISLER FUND.

Balance, Dec. 1, 1921,	\$1,174.70	
Income, 1922,	803.16	
	----	\$1,977.86
Expenditures for the year,		1,430.67

Balance, Dec. 1, 1922,		\$547.19

RECEIPTS AND EXPENDITURES. DEPARTMENT OF COMMUNITY CENTERS.

Appropriation, 1922,	\$15,000.00
Total Expenditures, 1922,	14,602.45

Balance unexpended,	\$397.55

DETAIL OF EXPENDITURES.

Equipment,	\$392.51	
Supplies,	237.87	
Printing and Advertising,	36.00	
Furniture,	165.00	
Freight, Express and Carting,	25.75	
Miscellaneous,	190.13	
Telephone,	43.95	
Automobile,	355.10	
Transportation,	204.70	
Salaries,	12,951.44	
	-----	\$14,602.45

DETAIL OF

	INSTRUCTION			OPERATING	
	Teachers' Salaries	Text Books	Regular Supplies	Administrative and Janitors' Salaries	Janitors' Supplies
High School	132,779.44	4,007.23	4,850.32	17,587.85	610.37
Parker St.	29,155.68		723.41	2,018.16	164.67
H. M. Knowlton	34,301.89		454.55	1,916.45	131.54
Middle St.	15,501.84			1,329.44	
Clarence A. Cook	10,357.75		556.93	608.80	158.54
Allen F. Wood	19,659.95		292.90	1,694.34	118.86
R. C. Ingraham	24,485.33		372.23	1,832.67	185.49
J. B. Congdon	30,854.63		496.24	1,880.67	167.19
J. H. Clifford	23,676.89		841.48	1,902.59	215.44
Thomas Donaghy	21,516.17		358.20	1,907.98	138.07
Wm. H. Taylor	21,912.54		533.50	1,773.67	116.85
Charles S. Ashley	10,450.70		1,324.55	1,142.74	226.42
Thos. R. Rodman	28,216.09		483.82	1,767.50	105.26
Jireh Swift	28,443.19		659.64	1,848.89	194.30
Abraham Lincoln	43,962.25		784.20	2,123.27	185.25
Betsey B. Winslow	26,343.10		738.40	1,965.83	97.99
Mt. Pleasant	11,252.00		900.21	1,089.94	232.53
John B. DeValles	45,351.81		762.33	2,080.94	158.40
Phillips Ave.	23,636.52		183.17	1,868.13	92.14
Cedar Grove St.	32,572.95		366.43	1,878.00	146.92
Clark St.	18,413.58		204.13	1,688.94	55.39
Merrimac St.	12,778.65		213.48	1,565.00	48.35
Marv B. White	6,769.33		136.28	1,555.00	49.98
H. A. Kempton	15,796.00		198.84	1,701.11	38.38
Cedar St.	11,761.08		163.85	1,565.00	45.06
Harrington Memorial	16,908.16		286.90	1,773.67	88.44
S. A. Howland	1,296.63		19.24	1,212.54	36.24
T. A. Greene	17,894.00		185.63	1,757.29	72.76
Acushnet Ave.	21,242.80		220.03	1,744.46	81.16
Thompson St.	18,273.63		265.51	1,713.93	67.44
I. W. Benjamin	27,427.46		494.15	2,072.84	177.41
Dartmouth St.	11,617.01		182.91	1,580.00	54.99
Geo. H. Dunbar	17,758.28		249.67	1,727.55	96.29
Sarah D. Orinwell	34,659.47		338.59	1,878.00	112.09
Emery Street	28,087.73		529.47	2,008.50	196.69
Plainville	1,758.75		3.29	409.28	13.75
Rockdale	1,713.75		9.98	406.09	9.35
Sassaquin	1,869.25		12.80		.41
Lumbard House	1,737.75		10.73		
Emery Street Special	1,896.88		29.17		
Donaghy Special	1,948.40		47.60		
Cedar Grove St. Special	1,948.40		22.85		
Harrington Special	1,948.40		8.61		
Howland Special	1,249.38		24.14		
Thompson Special	1,948.40		45.11		
Cook Special	681.12		5.92		
Fresh Air Special	3,718.50		319.16		
Conservation of Eyesight	3,698.98		138.39		21.15
Compulsory Even. Schools	21,322.00		310.78	994.50	
Americanization Classes	23,211.75	354.48	329.06	557.26	
Summer Schools	1,966.40				
Sloyd	8,007.00		1,505.81		5.39
Cooking	1,396.86		1,343.40		27.24
Sewing	10,131.54		511.95		
Music	10,887.52		461.82		
Art	6,219.88				
Health and Hygiene	6,124.15		2,189.41	10,885.76	
Penmanship	960.00				
Playgrounds	3,966.47		261.83	291.50	
Community Centers	10,045.48		237.87	2,905.96	145.92
Permanent Substitutes	810.26				
Continuation Schools	52,231.43	59.16	4,685.99	4,987.69	97.50
Miscellaneous				42,854.16	
Lectures					
Office		80.82	1,540.18		202.01
Sales		205.31	37.92		4.08
Stock		1,303.99	2,255.37		1,203.06
Total	1,061,503.33	36,711.77	35,720.33	140,128.89	6,396.76

GRAND TOTAL \$1,417,779.55

EXPENDITURES.

EXPENSES		REPAIRS	Furniture Transporta- tion Telephones Incidentals	HOWLAND AND PAISLER FUNDS
Fuel	Light & Water			
4,558.05	1,456.77	3,026.14	2,757.40	1,430.67
1,680.56	308.05	1,776.67	2.20	120.89
198.12	387.07	140.24	24.45	71.66
659.12	251.38	591.51		57.12
	72.23	11.50	3.70	
799.04	222.80	1,848.71	20.50	24.00
741.80	401.28	602.16		28.56
1,115.54	363.07	481.60	38.40	35.52
1,111.73	384.44	1,720.89	20.00	24.00
1,031.99	123.73	904.16	4.80	28.28
668.66	89.42	274.76	21.94	60.00
1,210.15	76.08	392.13	37.37	56.03
1,021.86	72.43	628.25		74.76
814.78	240.72	1,814.58	1,703.62	56.94
1,297.00	951.32	1,322.04	40.00	24.00
953.19	597.09	7,302.88	6.00	47.96
1,424.18	84.02	195.51	15.00	24.00
1,667.76	1,358.68	1,956.11	231.15	25.90
1,243.77	106.11	1,939.51	15.60	24.00
1,924.77	339.47	5,971.99	223.76	24.00
646.54	59.06	960.04	15.60	40.00
618.27	208.38	1,240.31	87.00	24.00
963.67	44.82	451.08	14.00	24.00
607.39	91.15	1,164.33	18.75	12.00
467.79	35.95	1,595.92		12.00
723.25	77.43	1,555.69	79.93	28.00
655.27	111.46	1,070.85	42.87	33.55
662.05	223.38	1,131.79		24.00
817.60	166.87	1,151.36	375.00	24.00
907.81	92.78	2,696.18	18.00	33.73
844.80	110.55	4,315.63	25.13	35.91
1,007.92	111.16	1,686.41	15.00	35.26
918.05	121.21	485.01	4.75	24.00
1,152.25	371.30	101.49		36.78
1,569.64	270.70	198.35	60.83	37.50
72.70	5.00	430.23		
187.14	5.00	422.72	.85	4.61
129.73				
			77.13	
				30.50
			1,780.60	
			1,413.14	
678.38	477.23	380.77	5,673.56	
			12,644.84	450.00
399.97	235.25	2,324.58	1,172.26	
38,152.29	10,701.84	56,628.08	28,685.13	3,151.43

COST BY DEPARTMENTS.

Based on Average Membership.

	Expended.
I. Administration:	
Superintendent	\$5,423.03
Assistants	6,630.05
Per pupil .....	.71+
Office	23,730.30
Per pupil	1.41+
II. Instruction:	
Salaries:	
High School	132,779.44
Per pupil	109.64
Elementary Schools	793,173.61
Per pupil	51.01+
High School Supervisors.....	3,000.00
Per pupil	2.47+
Elementary School Supervisors.....	13,682.60
Per pupil .....	.88+
Evening High School.....	3,239.00
Per pupil	13.38+
Evening Elementary Schools.....	18,083.00
Per pupil	14.19+
Americanization Classes	16,944.50
Per pupil	6.09+
Summer Schools	1,966.40
Per pupil	20.40
Text Books:	
High School	4,007.23
Per pupil	3.30+
Elementary Schools	30,700.68
Per pupil	1.97+
Office	80.82
Per pupil .....	.004+
Americanization Classes	354.58
Per pupil .....	.12+
Regular Supplies:	
High School	4,950.32
Per pupil	4.08+
Elementary Schools	20,956.96
Per pupil	1.34+
Office	2,784.65
Per pupil .....	.16+
Evening High School.....	
Per pupil	
Evening Elementary Schools.....	310.78
Per pupil .....	.24+
Americanization Classes	329.06
Per pupil .....	.11+
III. Operating Expenses:	
Salaries:	
Janitors:	
High School	\$17,587.85
Per pupil	14.52+

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Elementary Schools	\$4,410.81
Per pupil	4.14+
Summer Schools	75.00
Per pupil78+
Evening Elementary Schools.....	994.50
Per pupil .....	.78+
Americanization Classes	557.26
Per pupil .....	.20+
Miscellaneous:	
High School	8,006.02
Per pupil	6.61+
Elementary Schools	43,255.04
Per pupil	2.78+
Office	2,982.46
Per pupil .....	.17
Supplies:	
High School	610.37
Per pupil .....	.50+
Elementary Schools	5,076.49
Per pupil .....	.32+
Office	202.01
Per pupil .....	.01+
IV. Maintenance:	
Repairs:	
High School	3,026.14
Per pupil	2.49+
Elementary Schools	50,896.59
Per pupil	3.27+
Office	2,324.58
Per pupil .....	.13+
V. Auxiliary Agencies:	
Health	19,134.62
Per pupil	1.14+
Transportation	8,199.53
Per pupil .....	.48+
VI. Survey	4,193.95
Per pupil .....	.25+
VII. Miscellaneous:	
Incidentals	4,845.99
Per pupil .....	.28+
VIII. Howland Fund:	
Elementary Schools	1,708.08
Per pupil .....	.10+
Miscellaneous	12.38
IX. Paisler Fund:	
High School	1,430.67
Per pupil	1.18+
X. Sales	247.31
XI. Stock on hand Dec. 1, 1922.....	4,762.42
Grand Total	\$1,327,667.11

TEXT BOOKS, STATIONERY AND JANITORS' SUPPLIES.

STATEMENT FOR 1922.

Dr.

	Purchased in 1922	Stock Dec. 1, 1921	Totals	
Books,	\$35,143.31	\$2,590.06	\$37,733.37	
Stationery Supplies,	19,864.03	1,962.02	21,826.05	
Janitors' Supplies,	5,888.87	595.07	6,483.94	
	\$60,896.21	\$5,147.15	\$66,043.36	

Cr.

	Charged to Schools, 1922	Stock Dec. 1, 1922	Cash Re- ceipts, 1922	Totals
Books,	\$36,224.07	\$1,303.99	\$205.31	\$37,733.37
Stationery Supplies,	19,532.76	2,255.37	37.92	21,826.05
Janitors' Supplies,	5,276.80	1,203.06	4.08	6,483.94
	\$61,033.63	\$4,762.42	\$247.31	\$66,043.36

The average cost per pupil in the different departments of the schools, for text books and supplies, has been as follows:

High school,	\$7.39
Elementary schools,	3.32
Average for day schools,	3.61
Average for Evening Elementary schools,	.24
Average for Evening High school,	—

DEPARTMENT OF PUBLIC SCHOOLS.

For the year ending June 30, 1922.

	Total Member- ship	Average Member- ship	Average Daily Attend- ance	Aggregate Attendance
High,	1,452	1,211	1,165	222,071
Elementary,	18,060	15,548	14,661	2,753,595
Evening Schools:				
High,	640	242	190	12,012
Elementary,	1,722	1,274	1,109	53,351
Americanization Dept:				
Evening Schools,	1,223	581	447	22,184
Mill, Club and other classes,	3,150	2,198	2,185	139,840

CONTINUATION SCHOOLS.

Total Membership	Average Membership	Average Attendance	Aggregate Attendance (4 hr. days)	Total make-up (4 hr. days)
2,416	1,480	1,396	52,765	668

AVERAGE AGE OF PUPILS IN VARIOUS GRADES JUNE 30, 1922.

HIGH SCHOOL.

		Yrs.	Mos.
Senior,	II.....	18	1
Senior,	I.....	17	8
Junior,	II.....	17	1
Junior,	I.....	16	9
Sophomore,	II.....	16	2
Sophomore,	I.....	15	10
Freshmen,	II.....	15	4
Freshmen,	I.....	15	1
Average for school.....		16	6

ELEMENTARY SCHOOLS.

		Yrs.	Mos.
Grade	VIII A.....	14	5
Grade	VIII B.....	14	1
Grade	VII A.....	13	5
Grade	VII B.....	13	5
Grade	VI A.....	13	3
Grade	VI B.....	12	11
Grade	V A.....	12	5
Grade	V B.....	12	
Grade	IV A.....	11	2
Grade	IV B.....	10	10
Grade	III A.....	10	1
Grade	III B.....	9	5
Grade	II A.....	8	9
Grade	II B.....	8	3
Grade	I A.....	7	7
Grade	I B.....	7	
Sub-primary	.....	6	
Kindergarten	.....	5	7
Ungraded	.....	13	9
Special Classes	.....	12	8
Average for Elementary schools.....		10	10

REPORT OF PROMOTIONS.
For Term Ending June 30, 1922.

		No. in Class	No. Promoted on Probation	No. Not Promoted	Per Cent. not Promoted
Grade	1 B	1028	16	185	17.9
	1 A	1414	41	145	10.2
	2 B	1068	34	128	11.9
	2 A	1244	70	99	7.9
	3 B	1016	72	72	7.
	3 A	1167	56	75	6.4
	4 B	972	49	60	6.2
	4 A	1057	71	62	5.8
	5 B	953	81	77	8.
	5 A	946	95	64	6.7
	6 B	866	101	57	6.5
	6 A	917	90	39	4.2
	7 B	551	58	26	4.7
	7 A	504	47	26	5.1
	8 B	399	23	19	4.7
	8 A	373		8	2.1
Totals,		14,475	904	1,142	7.8

Pupils in special classes not included in above table.

AGE AND SCHOOLING CERTIFICATES 1922.

No. of each type of Certificate issued and no. of minors to whom each type was issued.															No. of different minors certified for em- ployment in New Bedford this year.										
Home Permits 14 to 16		Employment Certificates 14 to 16										Educational Certificates 16 to 18				Home Permits		Certificates							
		Limited		Special		Regular		Non- Resident		Farm		Domestic		Literate		Illiterate		14-16 yrs.		14-16 yrs.		16-18 yrs.		18-21 yrs.	
I.	S.	I.	S.	I.	S.	I.	S.	I.	S.	I.	S.	I.	S.	I.	S.	I.	S.	I.	S.	I.	S.	I.	S.	I.	S.
Boys		104	4	69	1	731	285	11		13	2	1		1534	469	429	202	16		929	292	1255	429	708	242
Girls		55	4	37	1	591	136	4				27	7	1794	713	388	200	305	1	714	148	1392	535	790	378
Total		159	8	106	2	322	421	15		13	2	28	7	3328	1182	817	402	322	1	1543	440	2647	964	1498	620

I.—Initial. S.—Subsequent.

REPORT OF ATTENDANCE OFFICERS.
From September 7, 1921, to June 30, 1922.

	John S. Silvia	Francis N. Howes	Ralph Covill	John C. Noyer	Totals
Schools visited,					
Absences of pupils reported by teachers,	1,335	1,603	912	1,856	5,706
Absences of pupils without permission of parent,	1,144	1,339	1,360	828	4,571
Second offenses,	37	101	82	42	262
Third offenses,	11	16	20	30	77
Parents and guardians notified,	7	8	5	25	45
Pupils returned to school from streets,	1,137	1,190	1,369	789	4,488
Arrests,	29	35	29	18	111
Prosecutions,	1	1		3	5
Placed on probation,	1	1		1	3
Sentenced to training school,	1			2	3
Visits to mills,	1			1	2
Violations of labor laws,	50	61	49	70	230
Transfer cards received,	7	35	8	18	68
Evening school absences reported and investigated,	492	1,007	495	981	2,946
Posters carried out,	87	246	72	121	526
Enrollment cards carried out,	170	162	110	175	617
Visits to mercantile establishments,	700	280	450	500	1,930
Notices carried to schools,	39	38	79	81	237
Cases of tardiness investigated,	1,362	1,242	422	1,519	4,542
	40	21	30	32	123

DEPARTMENT OF PUBLIC SCHOOLS.

Brief description of the schoolhouses, with their accommodations and conditions, Jan. 1, 1923.

	NAME OF SCHOOL	LOCATION	Material	No. of stories	No. of rooms	No. of balls	No. of gymnasium	No. of sittings	Year completed	Estimated value
101	School Committee Rooms	166 William Street	Wood	2						12,130
	High.	County st., between Court and Morgan sts.	Brick	3	24	3	1	1000	1912	785,600
302	Parker Street.	Parker st., near County st.	Brick	3	12	1		502	1852	146,675
303	Wesley M. Knowlton.	Cor. County and Coggeshall sts.	Brick	3	16	1		796	1906	140,400
304	Clarence A. Cook	Summer st., cor. Mill st.	Brick	2	18	1		732	1922	566,311
305	Allen F. Wood.	Cor. Pleasant and Russell sts.	Brick	3	10	1		490	1860	45,675
306	Robert C. Ingraham.	Rivet st.	Brick	3	12	1		575	1901	110,925
307	James B. Congdon.	Hemlock st., cor. Thompson st.	Brick	3	16	1		779	1908	133,375
351	Thomas Donaghy.	South st.	Brick	2	12	1		615	1905	101,975
352	William H. Taylor.	Brook ave.	Brick	2	12	1		590	1898	116,325
353	Charles S. Ashley	Between Ashley Blvd. and Rochambeau st.	Brick	2	20	1	1	840	1922	721,082
354	Thomas W. Rodman.	Mill st., cor. Rockdale ave.	Brick	3	10	1		435	1908	102,725
355	Irish Swift.	Lunds Corner.	Brick	3	10	1		466	1909	110,025
356	Abraham Lincoln.	Cor. Bowditch and Glennon sts.	Brick	3	20	1		980	1911	180,650
357	Betsey B. Winslow.	Allen st.	Brick	3	12	1		600	1912	191,750
358	Mt. Pleasant	Mt. Pleasant, near Sawyer st.	Brick	2	20	1	1	840	1922	673,118
359	John B. DeValles.	Katharine st. between Orchard and Bonney	Brick	2	20	1		895	1914	222,425
400	John H. Clifford.	Coggeshall st.	Brick	3	12	1		532	1901	103,600
401	Phillips Avenue.	Phillips ave.	Brick	2	8			364	1897	61,775
402	Cedar Grove Street.	Cedar Grove st.	Brick	3	15			631	1883	46,075
403	Clark Street.	Clark st.	Brick	2	8			372	1897	53,450
404	Merrimac Street.	Merrimac st.	Brick	2	6			261	1857	22,600
405	Mary B. White.	Cor. Pleasant and Maxfield sts.	Brick	2	4			195	1881	31,625
406	Horatio A. Kempton.	Shawmut ave.	Brick	2	8			390	1901	78,850
407	Cedar Street.	Cor. Cedar and Maxfield sts.	Wood	2	6			239	1855	10,125
408	Harrington Memorial.	Cor. Court and Tremont sts.	Brick	3	10	1		480	1889	73,350
409	Sylvia Ann Howland.	Cor. Pleasant and Kempton sts.	Brick	2	7			198	1893	95,450
410	Thomas A. Greene.	Cor. Purchase and Madison sts.	Brick	2	8			343	1894	90,075
411	Acushnet Avenue.	Acushnet ave.	Brick	2	10			462	1878	63,075
412	Thompson Street.	Thompson st.	Brick	3	2			370	1885	57,375
413	Isaac W. Benjamin.	Division st.	Brick	3	12			560	1891	48,375
414	Dartmouth Street.	Cor. Dartmouth and Hickory sts.	Wood	2	8			366	1855	21,675
415	George H. Dunbar.	Cor. Dartmouth and Dunbar sts.	Brick	2	8			363	1897	59,850
416	Sarah D. Ottiwell.	Cor. Earle and Diman Sts.	Stucco	1	15	1		600	1918	208,300
417	Emery Street	Emery Street	Brick	2	16	1		672	1921	273,500
605	Plainville.	Plainville Road.	Wood	1	1			40	1846	1,450
606	Rockdale.	Hathaway Road.	Wood	1	2			60	1855	1,475
2	Portables.		Wood	1	2			80	1903	4,933
1	Portable.		Wood	1	1			40	1903	2,466
2	Portables.		Wood	1	2			100	1910	3,884
8	Portables.		Wood	1	8			400	1911	17,981
6	Portables.		Wood	1	6			300	1915	12,305
1	Portable.		Wood	1	1			25	1916	2,278
2	Portables		Wood	1	2			96	1919	6,013
1	Portable		Wood	1	1			48	1920	4,700
1	Portable		Wood	1	1			48	1922	3,442
1	Temporary Cont'n Bldg.	Cor. Bowditch and Coggeshall Sts.	Wood	1	1			80	1920	9,500
1	Temporary Cont'n Bldg.	Cor. South and Purchase Sts.	Wood	1	4			80	1920	9,500
	Unoccupied.	County Road.	Wood	1	2			90	1852	2,000
	Unoccupied	Summer st., between Elm and Middle sts.	Wood	3	9	1		498	1844	46,800

NEW BEDFORD PUBLIC SCHOOLS.

Rates of tuition for non-resident pupils for school year, September 6, 1922, to June 29, 1923, same to be paid quarterly in advance:

High School,	\$150.00
Elementary Schools,	60.00

SALARIES.

January 1, 1923.

Superintendent,	\$6,500
Assist. Supt. in charge of Secondary Education,	5,000
Assist. Supt. in charge of Elementary Day Schools,	3,600

HIGH SCHOOL.

Principal,	\$4,725
Assistant Principal,	3,600
Head of Commercial Dept. and Principal of Evening High School,	4,020
Heads of Departments,	3,100

BASAL SALARY SCHEDULES FOR PRINCIPALS OF
ELEMENTARY AND JUNIOR HIGH SCHOOLS.

	First Year	Second Year	Third Year	Fourth Year
Elementary Schools:				
10-14 class units	\$2,100	\$2,250	\$2,400	\$2,550
15-19 class units	2,350	2,500	2,650	2,800
20-24 class units	2,600	2,750	2,900	3,050
25 plus class units	2,850	3,000	3,150	3,300
Junior High Schools	\$3,400	\$3,600	\$3,800	\$4,000

NOTE: For the purpose of this schedule, all grade schools are rated as Elementary Schools; no distinction is made on the basis of grades, whether primary or grammar.

SPECIALS:

(a) Principals of Lincoln, Knowlton, Parker, Cook, Wood, Ingraham, Congdon, DeValles, Swift, Donaghy, Taylor, Rodman, Winslow, Ashley, and Mt. Pleasant Schools, \$3,350.

(b) Rockdale and Plainville principalships, \$50 in addition to salary to which principal is entitled as a teacher.

(c) Principalships with less than 10 class units, first year \$100, thereafter \$150 in addition to salary to which principal would be entitled as a teacher.

BASAL SALARY SCHEDULES FOR REGULAR CLASSROOM
TEACHERS WITH STANDARD EDUCATIONAL
QUALIFICATIONS.

Yrs. of Credited Experience	Kindergarten Elementary	Junior High	Senior High
0	\$1,000	\$1,300	\$1,500
1	1,100	1,425	1,650
2	1,200	1,550	1,800
3	1,300	1,675	1,950
4	1,400	1,800	2,100
5	1,500	1,925	2,250
6	1,600	2,050	2,400
7	1,700	2,175	2,550
8		2,300	2,700
Annual Increase	\$100	\$125	\$150

NOTE: Senior High School teachers in the service at the time the above schedule was adopted were receiving \$2,725 and no reduction was made in their salary.

Special teachers of sewing, cooking, and sloyd are subject to the schedule applying to the type of school, Elementary or Junior High, in which they serve.

Continuation School teachers are subject to the Junior High Schedule.

Service Differentials: On account of the difficulty of service, or the difficulty of securing competent service, of certain special types, the following amounts are added to the salaries to which teachers, rendering these special types of service, would be entitled under the basal salary schedules:

(1) Teachers of ungraded classes, \$50.

(2) Assistant supervisors, or special teachers, of music, drawing, and physical training, \$100.

(3) Teachers of special classes—sub-normal, sight-saving, and fresh-air—working alone, \$150; with a "cadet" assistant, \$250.

"Cadet" assistants, under the supervision of special class teachers, \$100.

Maximum salary of "cadet" assistants, working with special class teachers, \$1,300.

(4) "Cadet" assistants, working with kindergarten teachers, salary according to basal schedules with a maximum of \$1,300.

(5) Supervisors of groups of "cadet" grade teachers, \$100 first year, \$150 thereafter.

(6) High School heads of departments, \$400 upon recommendation of the Superintendent approved by the Committee.

SCHOOL REPORT

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SUPERVISORS.

	Min.	Max.
Instrumental Music,		\$3,200
Vocal Music,	\$2,350	2,975
Drawing,	2,350	2,975
Sloyd,	2,100	2,850
Physical Training,		2,700
Americanization,		2,700
Cooking,		1,850
Sewing,		1,850

CONTINUATION SCHOOLS.

	Min.	Max.
Heads of Departments,	\$2,100	\$2,600
Increase \$125 annually.		

CIVIL SERVICE EMPLOYEES.

Director Dept. Health and Hygiene,	\$4,000.00
Secretary, Dept. Health and Hygiene, per week,	13.00
Supervisor of Nurses,	32.00
Assistant Nurses,	30.00
Superintendent's Secretary,	33.00
Assistant Clerks,	\$18.00 to 27.00
High School Clerk,	28.84
Attendance Officers,	34.61
Inspector of School Property,	53.84
Department Mechanic,	40.00
Storekeeper and Janitor,	38.00
High School Engineer,	45.00
Assistant Engineer,	35.00
Firemen,	30.00
Head Janitor,	35.00
Outside Man,	23.00
Women helpers, per hour,	.40
Elementary School Janitors:	
6 (or less) room group,	30.00
8 room group,	31.00
10 room group,	32.00
12 room group,	34.00
16 room group,	36.00
20 room group,	38.00
Spare janitors,	28.00
Plainville janitor,	7.69
Rockdale janitor,	8.07
Portables (per year, extra),	75.00

Assistant High School Gymnasium,	32.50
Driver of School Barge,	30.00
Attendant on cars,	15.00
Accompanists (per day),	4.50
Athletic Director, per year,	550.00

EVENING SCHOOL SALARIES.

High School Teachers,	\$4.00 per night
High School Orchestra Leader,	5.00 per night
Elementary School Principals,	5.00 per night
Elementary School Teachers:	
(1) To trained teachers who are receiving maximum day school salary,	3.50 per night
(2) To trained teachers who have had one year of successful experience in evening school work,	3.50 per night
(3) Untrained teachers who have had at least two years of successful experience in evening school work,	3.50 per night
(4) To all others,	3.00 per night
For teachers in Americanization Classes who come in classes 1, 2 and 3, as above,	1.75 per hour
For those in class 4,	1.50 per hour
Elementary School Janitors:	
6 rooms (or less),	2.00 per night
7 and 8 rooms,	2.25 per night
9 and 10 rooms,	2.50 per night
11 and 12 rooms,	2.75 per night
13 and 14 rooms,	3.00 per night
15 and 16 rooms,	3.25 per night
17 and 18 rooms,	3.50 per night

COMMUNITY CENTER SALARIES.

Supervisors,	\$2,250.00
Assistants,	1,500.00
Assistants (per hour),	1.00
Janitors (per week),	28.00

CALENDAR 1923.

TERMS.

Spring term begins Jan. 29, 1923; ends June 29, 1923.

Fall term begins Sept. 5, 1923; ends Jan. 25, 1924.

Spring term begins Jan. 28, 1924; ends June 27, 1924.

VACATIONS.

Mid-winter vacation, one week, beginning Feb. 19, 1923.

Spring vacation, one week, beginning April 16, 1923.

Summer vacation, nine weeks, beginning July 2, 1923.

Christmas vacation, one week, beginning December 24, 1923.

HOLIDAYS.

New Year's,	January 1
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Good Friday,	March 30
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Memorial Day,	May 30
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Columbus Day,	October 12
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From Wednesday noon before Thanksgiving the remainder of the week.

SCHOOL SESSIONS.

High School: Morning session, 8.30 a. m. to 12.30 p. m. Afternoon session, 1.00 to 4.25 p. m.

Grammar and Manual Training schools: Morning session, 9.00 to 11.45 o'clock. Afternoon session, 1.30 to 3.45 o'clock, without recess.

Primary and Kindergarten Classes: Morning session, 8.45 to 11.45 o'clock. Afternoon session, 1.30 to 3.30 o'clock. Recess in these classes for every pupil, 15 minutes in the forenoon, 10 minutes in the afternoon, as near the middle of the session as practicable.

In all other classes the sessions shall be prescribed by the Superintendent, subject to the approval of the Board.

Whenever in the judgment of the superintendent the weather is so extremely inclement as to imperil the health of the pupils, or the conditions are such as seriously to interfere with pupils going to school, he shall have authority to order a no school signal.

The signal for no session of the schools shall be two strokes on the fire alarm, once repeated (2-2), at 7.30 a. m. for the morning session, and at 11.50 a. m. for the afternoon session.

OFFICE OF SUPERINTENDENT OF SCHOOLS.

166 William Street.

Office open 8.30 a. m. to 4.30 p. m., except Saturdays.

Saturday, 8.30 to 4.00 p. m.

ALLEN P. KEITH, Superintendent.

Office hours, 8.30 to 9.00 a. m., 12 to 1 p. m.; except Saturdays.

Saturdays, 8.30 to 10.00 a. m.

CLARENCE E. HOWELL, Assistant Superintendent.

Director Secondary Education.

Office hours, 12.00 to 1.00 p. m., except Saturdays.

JOSEPHINE B. STUART, Assistant Superintendent.

Elementary Day Schools.

Office hours, 8.30 to 9.00 a. m., except Saturdays.

Mondays and Wednesdays, 4.00 to 5.00 p. m.

DR. HUGH GRANT ROWELL,

Director Dept. of Health and Hygiene.

Office hours, 2.00 to 3.00 p. m.

EDWARD T. N. SADLER, Director of Continuation Schools.

Office hours, 3.30 to 4.30 p. m., except Saturdays.

Chief Clerk.

VIOLA C. MANSEAU, 30 Durfee Street.

Assistant Clerks.

CLARA S. BLAKE, 270 Pope Street.

MARY G. PERRY, 357 Clinton Street.

GERTRUDE E. EGAN, 47 Independent Street.

HELEN E. JONES, 63 Elm Street, Fairhaven.

GLADYS B. JONGLEUX, 153 West Morgan Street.

ANNA B. REED, 172 Arnold Street.

MARY G. NOYER, Clerk, 297 Purchase Street.

ELEANOR HAMILTON, 79 Hillman Street.

META G. CORNELL, 63 Foster Street.

Inspector of School Property.

DANIEL H. FERGUSON, 563 Union Street.

Office hours, 12.00 to 1.00 p. m., except Saturdays.

Department Mechanics.

WILLIAM O. MARTIN, 209 Summer Street.

SYDNEY A. CORNELL, 473 West Elm Street.

Storekeeper and Janitor.

JOHN EGAN, 356 Cedar Grove Street.

Chauffeur and Repair Man.

J. FREDERICK GEE, 177 Buchanan Street.

Attendance Officers.

JOHN S. SILVIA, 126 Campbell Street.

FRANCIS N. HOWES, 318 Arnold Street.

RALPH COVILL, 151 North Street.

JOHN C. NOYER, 297 Purchase Street.

Office hours, 8.30 to 9.00 a. m., except Saturdays.

SCHOOL BOARD, 1922.

WALTER H. B. REMINGTON, Mayor, Chairman, ex-officio.
 RUFUS A. SOULE, JR., Vice Chairman.

TERM EXPIRES 1923.

Name	Place of Business	Residence
Joseph Eccleston,	J. C. Rhodes & Co., Inc.,	9 Jenny Lind St.
Samuel Barnet,	Barnet & Barnet,	675 Cottage St.
Olive S. Barney,		38 Pearl St.
Dr. Clarence E. Burt,	298 Union St.,	1384 Rock'le Ave.
Claude C. Smith,	Acushnet Saw Mills,	2421 Acush. Ave.
Rufus A. Soule, Jr.,	Soule Mill,	21 James St.

SCHOOL BOARD, 1923.

WALTER H. B. REMINGTON, Mayor, Chairman, ex-officio.
 JOSEPH ECCLESTON, Vice Chairman.

TERM EXPIRES 1925.

Name	Place of Business	Residence
Charles S. Ashley,	Chas. S. Ashley Sons,	93 State St.
Hazel C. Burton,		113 Hillman St.
Joseph Eccleston,	J. C. Rhodes & Co., Inc.,	9 Jenny Lind St.

TERM EXPIRES 1927.

Name	Place of Business	Residence
Dr. Jas. J. McKenna,	398 Union St.,	398 Union St.
Claude C. Smith,	Acushnet Saw Mill Co.,	2421 Acush't Ave.
Fred W. Steele,	Booth Mfg. Co.,	28 Maplev'w Ter.

Teachers and Janitors.

IN SERVICE JANUARY 1, 1923.

	Principals	Assts.	Clerks
High School,	1	50	1
Elementary schools,	30	440	2
Suburban schools,	2		
Continuation schools,	1	27	3
	<hr/> 34	<hr/> 517	<hr/> 6

	Supervisors	Assts.
Americanization,	1	1
Music,	2	3
Drawing,	1	2
Manual Training,	1	2
Penmanship,	1	
Cooking,	1	2
Sewing,	1	6
Grade Supervisor of Physical Training,	1	2
Gymnasium assistant,		1
Accompanists,		2
Attendant on cars,		1
Military Professor, R. O. T. C.,	1	
Nurses,	1	5
	<hr/> 11	<hr/> 28

	Janitors	Assts.	Eng.	Asst. Eng.	Fire- men.
High,	1	7	1	1	3
Elementary schools,	30	6			
Spare men,	2				
Suburban schools,	2				
	<hr/> 35	<hr/> 13	<hr/> 1	<hr/> 1	<hr/> 3

In Memoriam

PAUL G. KUECHLER, Janitor
1918-1922

MARY A. SHEA, Supervisor
1918-1922

CLARA S. VINCENT, Teacher
1879-1922

Following are the names of employees who have resigned and who have been appointed to the corps during the past year.

RESIGNED, 1922.

Barrows, Edward M.	Knipe, Lena H.
Carroll, Annie S.	Leonard, Edna M.
Clapp, Marion F.	Metcalf, Ethel H.
Costa, Katherine M.	Mooney, Alice M.
Donovan, Patrick J.	Murray, Bessie R.
Dupin, Alice P.	Peckham, Susan P.
Elliot, Celia M.	Roberts, Louise D.
Gordon, Mary Belle	Rogers, Elisabeth E.
Hawes, Dorothy D.	Rowe, Edith H.
Hinckley, Edna M.	Sanford, Mary E.
Hunter, M. Lillian	Thompson, James A.
Keith, Allen P.	Wilmarth, Flora A.

RETIRED, 1922.

Kirwin, Sarah E.	Scribner, Katherine B.
Leymunion, Mary W.	Smith, Lucretia N.
Newhall, Louise M.	

ON LEAVE OF ABSENCE, 1922.

Jeffords, Alice M.	Lumiansky, Helen
Leffingwell, Helen R.	Smith, Mary M.

APPOINTMENTS.

Acheson, Doris	Butler, Ethlyn F. H.
Boland, Carl B.	Carey, George H.
Bolton, Elizabeth	Carroll, Helena
Bullen, Florence M.	Clark, Alice F.
Burding, Margaret	Deslandes, Ella V.
Burke, Hilda A.	Donaghy, Dorothy D.
Burke, Margaret F.	Doran, Eleise B.

Duggan, Catherine
Edgerton, Virginia
Ferguson, Jessie B.
Ferguson, Ruth V.
Fregeau, M. Blanche
Gardner, Gertrude O.
Gleason, Elizabeth G.
Gonsalves, Emily
Goodwin, Harry S.
Harney, Ruth C.
Harrington, Agnes E.
Hosp, Luise
Houth, Katherine
Howell, Clarence E.
Jongleux, Alberta
Kendrick, Ruth H.
Kevlin, James C.
King, Grace
LaRoche, Louise
Lasselle, Elizabeth O.
Lightbown, Phyllis
Mahoney, Louise
Mansur, Adelaide
Mara, Catherine J.
McClench, Georgia C.
McDonald, Florence R.
McDonald, Muriel H.
McDonnell, Joseph A.
McKenna, Agnes V.
McQuade, Mary P.

Morrill, True C.
Morrison, Mildred E.
Mosher, Addie W.
Murphy, Blanche L.
Nesmith, Stella F.
O'Leary, Lydia
Perry, Clara C. M.
Perry, Ethel M.
Phelan, Helen M.
Piggott, Bertha E.
Quinlan, Mary C.
Reed, Katherine
Riley, Harriet S.
Ross, Hazel
Silsby, Frances M.
Simmons, Edna W.
Skinner, Vivian L.
Slack, N. Emma
Sullivan, Edward A.
Sullivan, Elizabeth A.
Sullivan, Kathryn A.
Sullivan, Kathryn V.
Sweeney, Mary A.
Terry, Mabelle
Turner, Grace E.
Vanni, Dorothy H.
Whalen, Winifred N.
Williams, Blodwen L.
Wobecky, Engelbert

GRADUATES. 1921.

High School.

G. Walter Williams, Principal.

HIGH SCHOOL GRADUATES, 1922.

JANUARY.

	Boys	Girls	Total
College Preparatory Course,	7	5	12
Scientific Course,	9	0	9
General Course,	2	3	5
Commercial Course,	5	9	14
	<hr/> 23	<hr/> 17	<hr/> 40

JUNE.

	Boys	Girls	Total
College Preparatory Course,	12	15	27
Scientific Course,	18	0	18
General Course,	0	11	11
Commercial Course,	9	27	36
	<hr/> 39	<hr/> 53	<hr/> 92

Grammar Schools, 1922.

	Boys	Girls
Parker Street—Arthur F. Gilbert, Principal,	33	64
Hosea M. Knowlton—Edward B. Gray, Principal,	33	38
Middle Street—Elwyn G. Campbell, Principal,	39	49
Allen F. Wood—Leslie H. Sutherland, Principal,	34	38
Robert C. Ingraham—Alice C. Munsey, Principal,	33	46
James B. Congdon—Raymond H. Cook, Principal,	46	37
Thomas R. Rodman—Sarah A. Russ, Principal,	20	14
Jireh Swift—Stella L. McCarthy, Principal,	22	20
Abraham Lincoln—John W. Northcott, Principal,	29	43
Betsey B. Winslow—Alice T. Corrigan, Principal,	17	17
	<hr/> 303	<hr/> 366

PUPILS ENTERING THE HIGH SCHOOL—SEPTEMBER, 1921.

	Boys	Girls	Total
From New Bedford schools,	111	136	247
From other schools in city,	11	15	26
From schools out of city,	25	19	44
	<hr/> 147	<hr/> 170	<hr/> 317

PUPILS ENTERING -JANUARY, 1922.

	Boys	Girls	Total
From New Bedford schools,	117	148	265
From other schools in city,	1	0	1
From schools out of city,	6	8	14
	<hr/> 124	<hr/> 156	<hr/> 280

NUMBER OF PUPILS WHO HAVE LEFT THE HIGH SCHOOL
DURING THE SCHOOL YEAR 1921-22.

	Boys	Girls	Total
8's	1	3	4
7's	5	1	6
6's	8	11	19
5's	7	5	12
4's	19	14	33
3's	17	22	39
2's	28	34	62
1's	56	56	112
	<hr/> 141	<hr/> 146	<hr/> 287

CAUSES FOR LEAVING.

	Boys	Girls	Total
Neglect of school work,	10	2	12
Went to work,	94	95	189
Moved from city,	13	13	26
Went to other schools,	20	12	32
Needed at home,	0	6	6
Death,	0	2	2
Illness,	4	16	20
	<hr/> 141	<hr/> 146	<hr/> 287

GRADUATES ENTERING HIGHER INSTITUTIONS.

	Boys	Girls	Total
Boston University:			
School of Law,	2	0	2
School of Religious Education,	0	1	1
School of Secretarial Science,	0	1	1
Brown University,	3	0	3
Catholic University,	1	0	1
Goucher College,	0	1	1
Harvard University,	5	0	5
Massachusetts Agricultural College,	1	0	1
Massachusetts Institute of Technology,	3	0	3
Northeastern University,	2	0	2
Smith College,	0	2	2
Stetson University,	1	0	1
Syracuse University,	1	0	1

Tufts College,	5	0	5
Wellesley College,	0	1	1
Wheaton College,	0	2	2
Worcester Polytechnic Institute,	3	0	3
Bridgewater Normal School,	0	18	18
Fitchburg Normal School,	0	1	1
Framingham Normal School,	0	1	1
North Adams School,	0	1	1
Emerson School of Oratory,	0	1	1
Miss Wheelock's Kindergarten Training School,	0	1	1
St. Luke's Hospital Training School for Nurses,	0	2	2
Truesdale Hospital Training School for Nurses,	0	2	2
	<hr/> 27	<hr/> 35	<hr/> 62

HIGH SCHOOL ENROLLMENT 1922

SCHOOL REPORT

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Commercial Courses			General Courses			Technical Courses			College Courses			Total		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
14	39	53	3	14	17	30	0	30	20	21	41	67	74	141
6	20	26	0	16	16	20	1	21	9	5	14	35	42	77
10	37	47	0	6	6	27	0	27	9	29	38	46	72	118
9	35	44	0	3	3	20	0	20	16	20	36	45	58	103
14	54	68	0	12	12	54	0	54	25	25	50	93	91	184
12	44	56	0	16	16	53	0	53	23	32	55	88	92	180
25	81	106	0	22	22	56	0	56	39	50	89	120	153	273
54	115	169	0	42	42	79	0	79	40	59	99	173	196	369
144	425	569	3	131	134	339	1	340	181	221	402	669	783	1452

*Including the class which graduated in January.

Total Registration by courses was :

Post Graduates,	7
Commercial Courses,	569
General Courses,	134
Technical Courses,	340
College Preparatory Courses,	402
	<hr/>
	1452

Respectfully submitted,

TRUE C. MORRILL,

Secretary.

Letter of Transmittal.

December 29, 1922.

To the Honorable Board of Education,
City of New Bedford, Mass.

I am submitting herewith the Sixty-second Annual Report of the New Bedford Public Schools for the year ending December 31, 1922. This falls into the following general divisions: Part One, General Progress; Part Two, Policy for Progress; Part Three, Report of Departments; Part Four, Educational Progress; Part Five, Statistical and Financial Sections.

Very sincerely,

TRUE C. MORRILL,
Superintendent of Schools.

PART ONE—GENERAL PROGRESS

The annual report of last year was one of statistics due to the fact that Dr. Spaulding's Survey was then in progress. The Survey was later made in very complete form for the parts of the School System surveyed.

The survey does not show that any measurements and comparisons were made to reveal the relative position of the conditions or quality of work done in the schools as compared with that of other school systems. Dr. Spaulding gave some Chapman Standard Educational Tests which are designed to measure the quality of work in Reading and Arithmetic. The results of these tests were not included in the printed Survey. The graphs which were made to illustrate the results are on file. The results obtained in the 3B grade, according to the graphic sheet, were not up to the National standard in any school in the city. Those in the other grades showed varying conditions, some favorable and some otherwise.

In light of the facts revealed while he was surveying the system and with the knowledge of the quality of educational work being done in the schools as measured by these tests, a general reorganization of the School Department was recommended by Dr. Spaulding. In making these recommendations it is evident that he thought, in view of the facts then at his disposal, that the system had outgrown the organization which was supposed to adequately administer its Educational needs. Part of this scheme of reorganization in accordance with the plan outlined by Dr. Spaulding will be briefly stated as completed to date.

The Rules and Regulations of the Board of Education designed for governing the School System were revised and adopted by the School Committee in May, 1922.

The reorganization of the administrative and supervisory control of the system under several departments was recommended. To date this plan has been carried out as follows: An Assistant Superintendent of Schools as Director of Secondary Schools has been appointed. This was the most imperative

thing to be done according to Dr. Spaulding's judgment. He realized that the work of the last six grades needed reorganizing along modern lines and in accordance with the 6-3-3 plan.

The city was unusually fortunate in securing as Director of Secondary Schools, Clarence E. Howell, of Lincoln, Nebraska. Mr. Howell was born in Philadelphia. At the time of his appointment he was Assistant Superintendent of Schools in Lincoln. His preparation and work especially fit him to do efficient work in the field for which he has been chosen. He has assigned to him the additional tasks of Director of Adult and Supplementary education which embraces the work involved in Evening Schools, Americanization and Community Centers, as well as Director of Census, Attendance, and of Vocational Guidance which embraces all branches of work done by the attendance officers and placing misfit pupils in the system in places where they will better fit into their work. Mr. Howell's reputation throughout the middle west as a scholarly educator and result-getter augers well for the work he has been chosen to undertake.

A most important work in connection with the Secondary School has been undertaken since Mr. Howell took up the work on October first. Scientific zoning by enrollment maps has been completed. Three Junior High School sites have been selected, approved and accepted. Mr. Howell did a most thoroughgoing piece of work on checking the plans and suggesting standards for the North Junior High School. The plans will be ready for final approval very soon.

A school system which professes to have adopted a 6-3-3 organization and over a period of years permits every variation therefrom to exist without change, has failed to recognize the Educational Economy that will result from proper co-ordination and unification of its system. A direct start on the work intended for the junior high school organization has already been made at the Ingraham School due to plans outlined by Mr. Howell and the willing and enthusiastic assistance accorded by its principal, Miss Briggs, and her corps of efficient teachers.

A full time Director of Health and Hygiene was appointed on August first, which was in accordance with the plan of reorganization. New quarters have been provided for the Department in what was formally the School Committee Room. The City now has a very complete and up-to-date department of Health and Hygiene. Dr. Rowell, assisted by six nurses has done very efficient work. The department is organized in such a way as to readily care for emergencies by taking on temporary help as needed thereby doing a maximum of work at a minimum of cost.

Writing has been put in charge of a full time Supervisor, the Zanerian Writing System has been adopted for the City and splendid results are already being obtained.

In accordance with another recommendation Principal Sutherland has been given an extra school to supervise and has been given an assistant to help with the work. Principal Cook of the DeValles School has been given clerical assistance in the office. This has released the principal for such important duties as pupil grouping, formation of new classes, use of modern tests and many other duties so necessary within a large, modern school.

A new salary schedule for teachers was incorporated in the new Rules and Regulations. This places New Bedford second in the State relative to salaries paid its teachers. Preference is given to local girls in the schedule by making Normal graduates, residents of New Bedford, ranking among the highest fourth of their class, eligible for appointment to teaching positions. Normal graduates, regardless of residence, ranking among the highest tenth of their class, and without experience are eligible for employment as "Cadet" teachers in the Elementary Schools.

In case of candidates of experience, preference shall be given to a resident of New Bedford, when, and only when such resident's qualifications are fully equal to those of any other available candidate.

With the salary schedule maintained by the City, there is no reason why New Bedford should not be able to obtain and retain the best teaching talent available anywhere for the benefit of its

children. With a strict adherence to the above adopted rules the standing of the schools should be elevated every year since the professional spirit from within and the supply from without will be of the highest quality.

Already there is under way a movement to provide a large cosmopolitan high school containing a wide range of elective subjects. An addition to the present high school has been planned to house the Junior High School at first and later to be absorbed and appropriated by the High School in developing into the above named organization. Such a high school will contain industrial courses such as Manual Training and the Practical Arts for the boys and Domestic Science for the girls.

The City is faced with the superlative problem of providing adequate housing facilities for its fast growing school enrollment. Adequate housing facilities must be provided where the ultimate need is to be greatest. These places can best be determined by a thoroughgoing School Building Survey. It has been found that at the present time there are 3305 vacant seats within the Elementary Schools. From Questionnaires lately sent to Principals of all elementary schools in the city, I have learned that the number of pupils in excess of seating capacity for full time classes amount to 1216 pupils. In the same questionnaire I am informed by the principals that it is possible to transfer only sixty of this overflow. This transfer from the school does not mean, however, that they can be received at the school to which they would be assigned. Many of the school rooms within the city contain many more than 42 seats, which was the maximum number of pupils Dr. Spaulding recommended per teacher. This excess of desks if removed would leave a very small number of available empty seats. Wherever an excess exists a general transfer of pupils is impractical when viewed from the side of parents and principals.

KINDERGARTENS

The very formal kindergarten of twenty years ago has been superseded by one in which the natural, free activity of the child from 4 to 6 years of age has a chance to exercise all its natural

play tendencies under the wise guidance of a teacher skilled in modern kindergarten methods. Such a school is preferably found in a large room equipped with tables, chairs, large blocks, simple apparatus for working off surplus energy and giving the child plenty of sway for his "multiple response" activities. Such a school cannot be carried on by a single teacher since one teacher is needed to play the piano for the songs and games which make up a large part of the work while the other teacher directs the activities. The new kindergartens organized this year have but one session. No kindergarten children in the city attend school all day. In the two-teacher kindergartens the two teachers have all the children in the forenoon and either do follow-up work in the homes in the afternoon or are busy at their schools organizing the new work and preparing for the next day. The new kindergartens have made a splendid start and will be two-year units working with the first and second year children in afternoon and forenoon respectively next year.

UNIT COSTS

Whenever the unit costs of school expenses are carefully presented it is usually an easy matter to get what is necessary to put the several departments of School Expenditure on a sound business basis. I am presenting herewith the basis by which we can very nearly forecast the normal demands for textbooks needs per year. If we take the list of books regularly used in the schools in each grade in the school and assign the price which each book costs the City then we are able to approximate the normal cost for textbooks per year as shown in the following schedule.

First Grade.

Aldine Primer, 55c; Book One, 58c; Book Two, 64c; Story Hour, Book One, 48c; Book Two, 58c; In Fableland, 61c; Work-a-day Doings, 48c; Winston's Primer, 48c; First Reader, 48c; Second Reader, 55c; Aldine Speller, Book One, 48c; Primary Writing Book, 7c; Hollis Dann's Music Book, 39c; Total cost for each pupil enrolled in this grade \$6.37

Second Grade.

Aldine Book Two, 64c; Aldine Book Three, 77c; Winston's Third, 72c; Riverside Second, 61c; Third, 67c; In Fableland, 61c; Cherry Tree Children, 55c; Circus Reader, 68c; Hollis Dann's Music, 39c; Writing Compendium, 7c; Aldine Speller, Book One, 48c; Hiawatha Primer, 67c; Red Feather, 64c; Total cost for each pupil enrolled in this grade.....\$7.50

Third Grade.

Peter and Polly, In Autumn, 45c; In Winter, 45c; In Spring, 45c; Eskimo Twins, 78c; Dutch Twins and Japanese Twins, 78c; Merry Animal Tales, 70c; Wilson's History Reader, 90c; Aldine First Language Book, 73c; W. & S. Primary Arithmetic, 48c; Aldine Speller, Book One, 48c; Writing Compendium, 7c; Hollis Dann's Music, 39c; Clematis, 60c; Total cost for each pupil enrolled in this grade.....\$8.04

Fourth Grade.

Pilgrim Stories, 63c; Arlo, 55c; Robinson Crusoe, 50c; Everyday Classics, Fourth Reader, 54c; Aldine First Language Book, 73c; Story of Our Country, Book One, 64c; Home Life Around the World, 71c; W. & S. Primary Arithmetic, 48c; Good Health, 40c; Aldine Speller, 48c; Hollis Dann's Music, 45c; Writing Compendium, 7c; Play Awhile Reader, 60c; Total cost for each pupil enrolled in this grade.....\$6.78

Fifth Grade.

Everyday Classics, Fifth Reader, 57c; Spyri's Heidi, 51c; Black Beauty, 75c; Dramatized Hiawatha, 15c; W & S. Arithmetic, 51c; H. & P. Arithmetic, 61c; Emergencies, 48c; Writing Compendium, 7c; Aldine Speller, Part Three, 48c; Winslow's United States, 80c; American Neighbors, 80c; Aldine Second Language Book, 80c; Story of our Country, Book Two, 80c; Hollis Dann's Music, Part Four, 45c; Total cost for each pupil enrolled in this grade.....\$7.78

Sixth Grade.

Stories of King Arthur, 75c; Story of Robin Hood, 75c; Winston's Silent Reader, 84c; Bolenius Silent Reader, 75c; Elson Reader, Book Six, 68c; Aldine Second Language Book, 80c; W. & S. Arithmetic, 51c; Ritchie's Primer of Hygiene, 64c; Story of the Old World, 80c; Winslow's Europe, 66c; Aldine Speller, Part Three, 48c; Hollis Dann's Music, Part Five, 45c; Writing, 7c; Distant Countries, 66c. Total cost for each pupil enrolled in this grade.....\$8.83

Seventh Grade.

Elson & Keck Junior High School Literature, Book One, \$1.12; Courtship of Miles Standish, 40c; Snow Bound, 42c; Aldine Third Language Book, 90c; Ritchie Primer of Sanitation, 74c; W. & S. Arithmetic, 54c; McMurry & Parkin's Geography, \$1.60; Beard & Bagley's U. S. History, \$1.20; Hollis Dann's Music, 45c; Aldine Speller, IV, 48c; Writing, 7c; Total cost of each pupil enrolled in this grade.....\$7.92

Eighth Grade.

Elson & Keck Junior High School Literature, Book Two, \$1.20; Evangeline, 42c; Vision of Sir Launfal, 40c; Turkington's My Country, 61c; Everyday Classic, 66c; Hitchcock's Junior English Book, Book Two, 90c; Beard's & Bagley's U. S. History, \$1.20; W. & S. Arithmetic, 54c; Ritchie's Primer of Physiology, 80c; Frye-Atwood Geography, \$1.60; Writing, 7c; Hollis Dann's Music, 45c; Aldine Speller, 48c; Total cost for each pupil enrolled in this grade.....\$9.33

Total cost for eight grades.....\$62.55

Average cost per grade, \$7.82. Since the average life of a book is three years, then \$2.61 is the cost per pupil for text books each year.

\$2.61 for 15,655 elementary pupils gives \$40,859.55 necessary for common school books each year.

The following curricula are offered in our High School:

Classical,	\$55.53
Commercial,	46.00
General,	51.30
Scientific,	—
<hr/>	
Total,	\$152.83

Average cost per curriculum for entire four years is \$50.94. Cost per year \$12.74, plus cost of blank forms 50c per pupil gives \$13.24 total cost of books. Average life of a book is three years, so replacement amounts to 1/3 of \$13.24 per pupil or \$4.41 times 1356 pupils.....\$5,979.96

From the above, allowing three years as the normal life of a book we conclude that it will take \$46,839.51 to supply the normal demands for textbooks for the High and Elementary Schools. Actually the life of some books is more than three years, so when a book lasts six years it has halved its cost to the city.

Until we get some uniformity of text-book equipment in every school it is reasonable to suppose, with the above list available on requisitions, it will cost the city at least \$36,000 to meet the normal demands for this account. As soon as the three-year program is in effective use it will be possible to get along with 2% of the total school budget for text books. This is due to the fact that many books will last more than three years.

SELECTION OF BOOKS.

School text-books are used primarily for the benefit of the pupils in the schools. They are used largely by school pupils. Their selection for school use should be largely gauged by these criteria: Does the mind of the pupil respond correctly to the materials of the text? Is the subject matter understandable by the pupil? To discover these factors of primal importance no book should be adopted for schoolroom use which has not had schoolroom use by the pupils themselves. This is brought about by placing books designed for special

grades in the schoolroom library allowing pupils ready access to them throughout the year. The books most used as reference or pleasurable materials will be the books most successful in everyday use by the pupils. Such books when discovered will be safe for adoption. Before adoption, however, they should be censored by teachers, principals, supervisors, and Superintendent as to the pedagogical correctness and advisability for schoolroom use.

Such a list of books has been put in use in the New Bedford schools during the fall term—the term in which most books are bought for any school year.

On January 3, 1922, a Geography Committee recommended for use in the schools the McMurry-Parkins Geographies. This recommendation coincided with my own experience and method in selecting text books for use, as I had just completed a two-year's experiment on the Geography question. Consequently the McMurry-Parkins Complete Geography was placed on the approved list for use and complete adoption was made for all seventh grades in the City.

The History Committee, of which Mr. Raymond Cook is chairman, made a similar recommendation about the first of the year. In conformance to their recommendation, which was in accord with my own judgment, the Beard and Bagley History of the American Nation was adopted for use in the seventh grade. All pupils were supplied with this text at the beginning of the school year in September.

A recommendation on Primary Reading and Literature of which committee Miss Alice J. Lawrence was chairman was submitted in June, 1921. No action has ever been taken on this report. No school ever has too much supplementary reading material. During the fall term the following books were ordered from the new approved list for use in the grades indicated:

1. Eskimo Twins 3A (Geography Reader).
2. Pilgrim Stories 4A (History Story).
3. Winslow Geography Readers, Grades 4A, 5 and 6.

4. Story of our Country, Books one and two, Grades 4 and 5.
5. Aldine Language Books, Grades 4, 5 and 6.
6. Heidi 5A (Supplementary Reader).
7. Everyday Classics 5B.
8. Robin Hood, 6B { Foundation for
9. King Arthur, 6A { High School English Work.
10. Story of the Old World, Grade 6. (U. S. Background History).

None used before although history committee had selected one for use.

All other books ordered for the schools have been on refill orders or selected from the approved list already in use. Commendations of the above mentioned books have come from all parts of the System wherever they have been used.

STANDARD EDUCATIONAL TESTS.

Until within the past ten years measuring the progress of pupils through school has been done largely upon tradition, local and personal opinion, the personal judgment of the teacher usually having too much effect upon the success or failure of the pupil. A yardstick has been developed measuring the product of education so that now we can say with some confidence that we have progressed to a definite percent or point of proficiency as measured in other school systems. Many of these scales and standards are constructed in such a way that the pupils can measure their own progress, thereby having opportunity to try to beat their own records. This causes them to use judgment in their work, a very necessary factor for use in later life.

At the end of the fall term the following Standard Educational Tests were given in the schools. The results and conclusions are herewith given. The value of such tests is not in giving them but in diagnosing our own cases and prescribing a remedy. The good to be derived now is to follow up with a remedy and see that something is done to relieve any situation that needs readjustment.

AYRES SPELLING TEST.

Dr. Leonard P. Ayres, Educational Director for the Russell Sage Foundation, has devised a spelling scale after extensive research by which we are able to locate a pupil's spelling ability by grades. The words are arranged in columns so that if we give a test of words selected from a given column and a pupil spells 75% of them correctly, we are able to say that he has fourth grade ability in spelling, whereas if he spells 85% correctly he would show fifth grade ability.

The data for this scale was computed from 1,400,000 spellings by 70,000 children in 84 cities throughout the country. The words are 1,000 in number and the list is the product of combining different studies with the object of identifying the 1,000 commonest words in English writing.

The following list of words were selected from the respective columns for the examination:

COLUMN	L	P	T
STANDARDS FOR GRADES	III 73	V 88	VII 79
	IV 88	VI 79	VIII 88
	war	spend	guess
	summer	enjoy	circular
	above	awful	argument
	express	complaint	volume
	turn	usual	organize
	lesson	vacation	summon
	half	beautiful	official
	father	flight	victim
	anything	travel	estimate
	table	rapid	invitation
	talk	repair	accident
	June	trouble	accept
	date	entrance	impossible
	next	loss	concern
	indeed	fortune	associate
	herself	empire	automobile
	power	mayor	various
	wish	wait	decide
	because	beg	entitle
	world	human	national

Following are the percentage results obtained in the schools of the City and elsewhere :

GRADES	8th	7th	6th	5th	4th	3rd
CITY AVERAGES	97.7 98.9	90 86.8	89.2 90.3	82.7 72.2	96.5 91.6	80.8 67.2
Ayres' Standard	88	79	88	79	88	73
St. Paul's Scores	85.3	72	85.9	80.9	80.5	62
Bangor, Maine	83.4	67.5	81.6	54.6	76.5	43.9

It is evident from the above scores that the spelling in the New Bedford schools is all that could be desired. The quality of it even exceeds the Ayres' Standard which was considered to be high. If spelling in our schools is of such superior quality, then we can readily turn our attention to some other phase of the work which is found not to be up to accepted standards.

THE REASONING TEST IN ARITHMETIC.

The most widely used test to measure the power of reasoning in arithmetic is known as the Stone Reasoning Test. This test contains 12 problems graduated in difficulty and having a varying credit value dependent upon their difficulty. The time allowance for the test is exactly 15 minutes.

The first eight examples of the test with the value given to each problem, follows:

STONE REASONING TEST.

1. If you buy 2 tablets at 7 cents each and a book for 65 cents, how much change should you receive from a two dollar bill? Ranked 1.

2. John sold 4 Saturday Evening Posts at 5 cents each. He kept one-half the money and with the other half he bought Sunday papers at 2 cents each. How many did he buy? Ranked 1.

3. If James had 4 times as much money as George, he would have \$16. How much money has George? Ranked 1.

4. How many pencils can you buy for 50 cents at the rate of 2 for 5 cents? Ranked 1.

5. The uniforms for a baseball nine cost \$2.50 each. The shoes cost \$2 a pair. What was the total cost of uniforms and shoes for the nine? Ranked 1.

6. In the schools of a certain city there are 2,200 pupils, one-half are in the primary grades, one-quarter in the grammar grades, one-eighth in the high school and the rest in the night school. How many pupils are there in the night school? Ranked 1.4.

7. If $3\frac{1}{2}$ tons of coal cost \$21, what will $5\frac{1}{2}$ tons cost?
Ranked 1.2.

8. A newsdealer bought some magazines for \$1. He sold them for \$1.20, gaining 5 cents on each magazine. How many magazines were there? Ranked 1.6.

	Percent of Accuracy	Average Credit	Average Attempted	Average Correct	
Average for City Nassau Co., N. Y.	74.8	9.3	9.7	7.3	Eighth Grade
Columbia, S. C.				7.2	
Average for City Salt Lake City	68.8	6.9	8.6	5.	Seventh Grade
Columbia, S. C.				5.8	
				8.6	
Average for City Brookline, Mass.	59.1	5.2	7.5	5.6	Sixth Grade
Boston				4.4	
Columbia, S. C.				6.2	
				4.	
Average for City Salt Lake City	42.	3.2	6.8	4.5	Fifth Grade
Columbia, S. C.				2.8	
				3.7	
				3.1	

The results of the Stone Reasoning Tests show in the eighth grade that the accuracy in reasoning is equal to any school system in the country; going lower in the grades we notice an appreciable decline in accuracy until in the fifth grade the result is shown in the Average Correct column indicates that the work is poorer than in the places given which are typical results obtained in the better school systems where the test has been given.

HAGGERTY PRIMARY READING SCALE.

It is the general practice of school systems throughout the country to promote children in the first two grades largely upon the developed ability to read. Arithmetic is not introduced as a formal subject until the third grade is reached.

In determining whether or not a pupil is a good reader, reliance and responsibility should not be placed upon the judgment of any one person but upon a definite standard such as is embraced in this or similar tests, results for which are available from other school systems.

HAGGERTY SCALE FOR READING VOCABULARY OF PRIMARY READING. SIGHT SCALE.

Line 50	Line 60	Line 80	Line 100	Line 120	Line 140
they	good	said	gold	falling	hungry
give	bread	asked	meat	want	pigeon
she	please	basket	myself	meadow	scratch
help	garden	flour	house	bean	afraid
me	baked	gray	mouse	wolf	breakfast

PHONETIC SCALE.

Line 50	Line 60	Line 80	Line 100	Line 120
would	ring	duck	dig	snag
out	cut	song	sled	slope
bit	time	dance	sent	rang
that	seed	feel	match	lance
fox	more	not	drive	care

Correct answers to be left as in spelling.

Mistakes to be checked.

Each child was tested, separated from the rest of the class.

This test was given in St. Paul, Minn., in 1917 and we have the figures of results obtained by which we can compare our own results. The figures in the following tables indicate the per cent of pupils taking the test in the respective grades who knew the whole line in question. A total line must be known by the pupil in order for it to count in the score.

Tabulation by grade divisions in the first two grades will be given by schools in full in the printed report. A summary is herewith given:

Place	Gr.	Pupils	Line 50	Line 60	Line 80	Line 100	Line 120	Line 140	Line 50	Line 60	Line 80	Line 100	Line 120
City Averages	2A	822	89	80	77	86	78	49	91	83	82	74	55
St. Paul		128	89	87	71	66	49	24	83	73	70	52	41
City Averages	2B	1066	82	72	66	74	61	48	77	66	65	59	36
Same as above given for whole grade.													
City Averages	1A	719	59	31	24	31	20	16	52	30	22	23	7.9
St. Paul		178	54	47	33	37	21	6	47	19	23	14	7.

The test given in the 1B divisions throughout the city showed that the pupils in these divisions lacked a knowledge of fundamentals usually obtained through word drills. Much of this missing foundation can be attributed to the fact that most of the children do not know English when they enter school. This weakness can be remedied by providing two years of kindergarten training. Another part of the weakness is due to the fact that there is the wrong balance of work within this grade. Too much emphasis is being placed on non-essentials in this grade to the exclusion of the reading foundation that should be begun here without delay. These things are briefly: story continuity, recognition of independent as well as grouped word phrases and word family training according to the method in use. With these foundations well laid retardation will be greatly relieved because pupils will be able to read for themselves, which means independent study.

PART TWO—POLICY FOR PROGRESS.

The general educational policies now in force as a result of Dr. Spaulding's recommendations are for a thoroughgoing 6-3-3 plan. Such a policy calls for:

a. A two-year kindergarten training for children between the ages of 4 to 6 years. Such an organization necessitates in each kindergarten a teacher to be known as a director, assisted by a second teacher. The object of this organization shall be to give children of these ages pre-grade training. Such training is designed to teach the children how to associate with others of the group harmoniously as well as to get some command of the English language. This latter object is one of the greatest needs of our schools. When children, upon entering the first grade, know our language much of the retardation throughout the schools will gradually disappear. To successfully accomplish the object with some uniformity throughout the City, kindergarten and primary centers should be provided within the same building, even including the first six grades. These centers should be provided approximately within each three-eights mile circle radius.

b. The problem of providing Junior High Schools, adequate to the needs of the City, has been exhaustively and scientifically studied by Mr. Howell, Director of Secondary Schools, and is treated elsewhere in this report. These buildings will contain grades 7, 8 and 9.

c. The Senior High School problem is being studied by Mr. Howell and will be discussed in his report. Dr. Spaulding recommended a Cosmopolitan High School in which a wide range of electives could be chosen according to the individual needs of the pupil.

The public school housing problem is acute in the City. Many portables are used and many shift or part-time classes are necessary under present conditions. Needs for special classes cannot be met when the needs for regular classes are not satisfactorily met. The future policy in this direction should be:

a. To provide every child with a full day session in a regular classroom of 42 pupil capacity as a maximum. Many classes in the City at present exceed an enrollment of 50 pupils.

b. To correct lighting conditions in poorly lighted schoolrooms. To correct wrong placement of desks in many of the schoolrooms where the light now comes either from the back of the pupils or from the right side.

c. To remove all pupils from rooms poorly suited for schoolroom use.

d. To replace as soon as possible all buildings which present a large fire risk by buildings of first class construction located on adequate sites providing ample playground space per child.

e. To provide for neglected upkeep of the school plant in a definite program extending over a few definite successive years, with the extra expense equally distributed within the years.

f. To provide for growth of the School System in the yearly budget.

g. To relieve Principals of large schools from small, routine duties so they can better apply their time in the supervision of instruction within the units assigned to them.

PART III—PROGRESS.

1. Three new Elementary Schools were opened in the fall of 1922. The buildings cost an aggregate of \$1,892,966 or about \$600,000 each. They have a combined seating capacity of 2436 pupils or about 840 each for Chas. S. Ashley and Mt. Pleasant and 756 for the Clarence A. Cook School.

2. A new portable at the Winslow School enabled the opening of a Special Class of 15 pupils at that building about the first of December, as well as removing a class of 35 pupils from the small library room.

3. Opportunity classes were opened at the Knowlton, Mt. Pleasant, Cook, Ingraham, and DeValles Schools. These classes enable pupils who are back in their work due to absences, illness or conditions beyond their control to get back into a regular grade in a short time.

4. A full-time director of Special Classes has been appointed. Miss Bassett now has charge of all such classes as well as the organization of all the new classes of this kind.

5. A continuation of the policy and support of the Community Centers within the School Department is assured.

6. A continuance of the recreational activities of the regular school year through a thoroughly organized Summer Playground plan under the leadership of competent directors and assistants was assured by the wonderful showing made by these activities last summer.

7. A thoroughgoing health program within the schools with follow-up work by school nurses and the Director of Health and Hygiene. Upon requests from parents about 2000 children have been given the Schick Test during the year. This was a responsibility assumed by the new Department of Health and Hygiene from the Board of Health and gladly carried on by the new department.

8. A new augmented janitor system employing women assistants to continually clean the buildings has been adopted for the seven large buildings, namely: Abraham Lincoln, John

B. DeValles, Charles S. Ashley, Clarence A. Cook, Betsey B. Winslow, Mt. Pleasant and Emery Street. Spread of epidemics within these buildings has not occurred. Authorities on the subject say this is the best way to keep buildings sanitary.

9. Education Week was observed in the schools and many parents visited the schools to see the regular work, to gain a first hand knowledge and interest, and to pledge their support or to give constructive suggestions.

AGE—GRADE PROBLEMS.

The biggest Educational problem that confronts us in our school system is the problem of retardation. In the accompanying Age-Grade Table, this biggest Educational burden of retardation within our schools is plainly and graphically shown. I believe that some of the remedies already prescribed and many that can be ascertained through scientific procedure will eventually redistribute the accelerated pupils (below the stairs) and the retarded (above the stairs) so that we shall have an even distribution with the largest number of pupils within the stairs.

The average percent of retardation in the country is about 20% whereas it is about 39% in our schools. The average percent of acceleration in our schools is about 1% whereas the average is about 10% throughout the country.

The danger of retardation is to be found in the fact that pupils become old for their grade. A pupil who is old for his grade is compelled to associate with pupils of younger age and is likely to become discouraged and ashamed and leave school as soon as the compulsory age limit is reached, whether or not he has completed the work of the elementary school. In addition there is the difficulty in instruction which comes from having pupils of greatly different ages in the same grade. It is to the advantage of every community and to society in general to have pupils make at least as nearly normal progress as possible through the grades of the school.

This means that every precaution should be taken to prevent children from missing school on account of sickness. Conditions in the home and in the school, the clothing of children,

their food, and everything concerning their physical welfare should be given constant and intelligent attention. The work of each individual pupil should be watched carefully both by the teacher and parents, and at the first indication of the pupil's falling behind in his work special attention should be given to him, both in the school and in the home. Every effort of the school people, and every requirement on their part which is calculated to prevent a pupil's failing should receive the sympathy and assistance of the parents.

Any plan which may be developed in the school to permit pupils of unusual ability to do an amount of work consistent with that ability should be encouraged by the patrons of the school. It is perhaps a greater tragedy for an unusually bright pupil to be allowed to idle away his time and not to be put in a position where he is compelled to work up somewhere near the limit of his capacity, than it is for a dull pupil to be compelled to overwork in order to keep up with his grade.

In conclusion I desire to say that a school department is always confronted with vital problems of urgent nature. It is necessary to try to solve all problems in the order of their necessity. Each department of work has its problems to which the above rule applies. With an eye to the magnitude of the urgency of the problems, as well as keeping within conservative bounds, we are on a fair road to accomplish our aims and plans by concerted action.

(Signed) TRUE C. MORRILL,
Superintendent of Schools.

NUMBER OF CHILDREN IN GRADES - SEPTEMBER-1922

AGE	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	GRADE TOTALS
KINDERGARTEN		5	10	5	294	141	11	6												317
I YEAR		5		53	29	27	5	159												164
II YEAR																				160
TOTAL FOR KINDERGARTEN		10		343	308															655
GRADE I																				1540
GRADE II																				1425
GRADE III																				1264
GRADE IV																				1093
GRADE V																				918
GRADE VI																				712
GRADE VII																				519
GRADE VIII																				469
GRADE IX																				376
GRADE X																				221
GRADE XI																				161
GRADE XII																				118
TOTAL FOR JUNIOR HIGH SCHOOL																				790
AGE TOTAL		10	5	356	1317	1005	721	513	345	231	151	101	603	336	134	41	1	1	1	8691
		5	182	651	1048	823	571	401	261	161	101	601	321	121	41	11	5	1	1	17413

UPPER RIGHT HAND CORNER - GIRLS

2	2 GIRLS
4	2 BOYS
2	4 TOTAL

LOWER LEFT HAND CORNER - BOYS

CENTER - TOTAL

NOTE: The above table includes children in the ungraded and sub-normal classes.

Report of Assistant Superintendent of Elementary Schools.

Mr. True C. Morrill, Superintendent of Schools:

Dear Sir:—In accordance with your request I herewith present the sixteenth annual report of the assistant superintendent of elementary schools.

This report deals mainly with the results of a study made along lines of inquiry opened up through Dr. Frank E. Spaulding's recommendations in connection with the survey of our school system. In his conferences Dr. Spaulding emphasized the value of intensive local study of conditions indicated by his "program of improvement."

RESULTS OF THE STUDY OF THE SURVEY.

These lines of inquiry were directed by the following questions:—1. What items in the program of improvement are applicable to the elementary grades? 2. What causes have produced the results reported? 3. To what extent does the responsibility for these results rest upon the teaching and supervising corps of the elementary schools? 4. What steps should be taken to secure the improvement needed? 5. What progress in improvement is being made?

A study of the items of the program showed that only one of the items recommended came within the province of the elementary grade corps, (Item VIII, p. 22, Report of the Survey) all the others being items of departmental administra-

tion or community support. This item (Item VIII) is subdivided into seven topics, five of which are clearly matters outside the province of the grade worker, and one of the remaining two must depend upon enlarged facilities for housing and seating pupils before it can be carried into effect. The one item of needed improvement which appears to lie wholly within the schools is the recommendation that "More rapid progress of older children through the grades be secured."

Recognizing that the rate of retardation in this city was relatively high the study of this retardation was directed along the following lines:—What are some of the general causes of retardation? What specific causes have influenced retardation here? In which grades and schools in this city is retardation greatest? What steps can be taken to reduce our retardation? What progress is being made?

OVERAGE, RETARDATION, SLOW RATE OF PROGRESS.

The voluminous data gathered during the survey furnished an individual record for every child in the elementary grades throughout his entire school course in this city. When these individual records of retarded pupils were studied one of the first of the facts clearly revealed was that, due to late entrance, many of the overage pupils who were grouped as retarded had actually made much more rapid progress than pupils of normal age, some having completed five or six grades in from three to four years. Another fact disclosed was that non-promotion after entering school was not an excessive factor in retardation here. While the grade-age index is the only retardation index available at present and furnishes valuable data upon which to base investigations yet it is true that overage is not a wholly trustworthy evidence of slow rate of progress, and this is specially applicable to school systems which draw a large proportion of their enrollment from non-English speaking homes or from the homes of recent immigrants.

CAUSES OF OVERAGE.

The general causes which produce overage in any school system may be divided into two groups:—I. Causes over which the teaching and supervising force have little or no control. II. Causes within the control of the schools. In the first group will be found (a.) those which deal with working conditions such as insufficient accommodations, large classes, overloaded workers, etc., and (b.) those which deal with the individual pupil, such as late entrance, lack of ability to speak English, lack of intelligence, poor health, poor home environment, frequent transfer, etc. The second group—causes within the control of the schools—may include courses of study, methods of teaching or of discipline, standards and requirements for promotion, and other forms of school administration directed by supervisors, principals, and teachers.

CROWDED CONDITIONS.

There can be no question that crowded conditions have exerted and still continue to exert an influence upon our problem of overage. The opening of the new buildings in September furnished some relief but there are still twenty-four portable schoolhouses in use, forty-two classes are on "shift" time, and eleven classes are seated in auditoriums, basement rooms, small recitation rooms, and other quarters not intended for classroom use. Dr. Spaulding placed much emphasis upon the effect which these crowded conditions exert upon retardation and he states clearly that improvement in our school system cannot be hoped for while these conditions continue here.

"SHIFT" CLASSES.

It has been argued that "shift" classes are an adequate solution of the problem of insufficient accommodation and that the longer use of the school plant each day is advantageous. This argument fails to recognize the fact that no child should be required to spend the school day and the school year in a seat too high or too low for him or at a desk too large or too

small for his use. No schoolroom with furniture adjusted to the individual needs of one group of pupils can properly serve another group of individuals in alternating shifts throughout the four sessions of the shift-time day, and at times small children in these classes must sit in seats too high for them or large children must work at desks which cramp and restrict their activity.

LATE ENTRANCE AND AGE OF ADMISSION.

In a comparison of the grade-ages of the school children of New Bedford with two neighboring cities of Massachusetts Dr. Spaulding states, "Comparatively late entrance unquestionably handicaps New Bedford children from the start", and he urges the desirability of lowering the age of admission, but he states that "This increased enrollment, which in the interest of the best education of the children of the city ought to be made at once, is quite impossible with the present school plant." (p. 117, Report of the Survey.)

In addition to the handicap imposed by the age of admission which applies to all pupils, a more potent influence is exerted when in individual cases the age of admission to any school is delayed much beyond the legal age of seven years. Since New Bedford is a port of entry for foreign countries it not infrequently happens that the lower grades contain many foreign-born pupils who were from eight to twelve years old before they entered any school. The influence exerted by late entrance due to this cause may be studied in Tables XXIII—XXVII, pp. 172-181, Report of the Survey. In passing attention may be called to the fact that these tables are not intended to show the relative rate of retardation here. Fifty children of each half-year of age were selected at random from the thousands of pupils in these grades, the idea being that five hundred pupils in each half-grade would furnish adequate material for a search for causes of retardation. Of the retarded pupils more than one year overage 27% were overage when they first entered any school, of those more than two years retarded 41% were

overage when entering any school, and of those still more retarded 42% were overage when first entering school.

LACK OF ABILITY TO SPEAK ENGLISH ON ENTERING SCHOOL.

In these same overage groups the percentages of pupils who spoke English poorly or not at all on entering school are 52%, 40%, and 63% for grade 6B, and 53%, 57%, and 60% in 6A. On page 116 of the Report of the Survey Dr. Spaulding reports that "The native language of 70% of New Bedford school children is some language other than English."

Undoubtedly ability to understand and to express in the English tongue is responsible for much of the steady gain in the achievement scores in successive grades shown in the results of the tests given during the survey. In grades III and IV a test in silent reading was given and in grades V-VIII achievement tests and intelligence tests were used.

In the achievement tests in grades VII and VIII fifty-one classes were examined. Fifty of these classes surpassed the national median score for their grade, while one class fell just below the national median score. Of these fifty classes surpassing the national median score for their grade thirty-four classes surpassed this median score by from twenty-five to fifty percent.

In these same tests in grades V and VI eighty-four classes were examined. Seventy-three of these classes reached or surpassed the national median score for their grade, nine classes fell just below the national median score, and two classes fell much below the national median score for the grade.

In the silent reading test in grades III and IV one hundred six classes were examined. Thirty-five of these reached or surpassed the national median score for their grade, twenty-four classes fell just below the national median score, while forty-seven classes fell much below the national median score.

Looked at from the negative side it will be seen that lack of ability to understand English, which naturally is more prevalent

in the lower grades, corresponds closely with the failure to approach the national median scores. The following table shows this correspondence.

TABLE I.
COMPARISON OF NATIONAL MEDIAN SCORES
AND SCORES REACHED IN TESTS
GIVEN IN THE NEW BEDFORD SURVEY.

GRADES	3B	3A	4B	4A	5B	5A	6B	6A	7B	7A	8B	8A	Totals
No. of classes examined	20	27	26	25	19	23	23	19	16	14	11	10	242
No. of classes surpassing nat. med. score	1	1	4	11	15	22	15	17	16	14	10	10	136
No. of classes just reaching nat. med. score	2	4	5	8	1	1	1	1	0		0	0	23
No. of classes but little below nat. med. score	4	11	6	4	3	0	5	1	0	0	1	0	35
No. of classes failing to approach nat. med. score	22	11	11	2	0	0	2	0	0	0	0	0	48

Of the 242 classes examined 57% surpassed the national median score for the grade, an additional 9% reached this score and 14% stood but little below it, while but 20% fell much below

the national median score, only one-twelfth of these being above grade III.

Of the pupils taking the silent reading test in grade IIIB, the percentages from non-English speaking homes are as follows:—Lowest quartile, from 3% to 33% with an average of 19%; middle half, from 42% to 81% with an average of 61%; highest quartile, from 84% to 100% with an average of 93%.

The high score reached in the achievement test and the high rate of retardation in our schools might suggest the inference that these retarded pupils had furnished the high scores. A study of the individual scores of all overage pupils taking the test in grades V and VI and the high scores of pupils of normal age in these grades, showed that in each class the highest scores were generally reached by pupils of normal age or by accelerated pupils and that the scores of the children in the overage group were usually found below the median score of the class and frequently were the lowest scores reported. On the other hand some retarded pupils surprised their teachers and principals by reaching unexpectedly high scores. In such cases teachers were asked to list the pupils for further testing and possible double promotion.

LACK OF INTELLIGENCE.

The percentage of overage pupils failing to reach the national median intelligence score in the intelligence tests given in the survey will furnish some basis for judging to what extent this factor may influence retardation here. Of the 3205 pupils taking the intelligence test in grades V and VI there were 1045 pupils more than one year overage for their grade. Of these overage pupils 298, or 26%, failed to reach the national median intelligence score for this test, (Chapman's Oral Intelligence Test.)

These various causes of retardation, i. e., crowded conditions, late admission to the kindergarten and first grade classes, late entrance of individual pupils, lack of knowledge of English, and the undeveloped type of mind which these other causes help to produce, are not under the control of the teacher or principal.

But Dr. Spaulding has pointed out measures which school boards may adopt to greatly reduce the harmful influence of these causes.

CAUSES WITHIN THE CONTROL OF THE SCHOOLS.

During the progress of the survey Dr. Spaulding closely investigated the course of study, subject-matter and methods of teaching outlined for the grades, and methods of supervision and administration as they affected the testing and promotion of pupils. In oral reports made during the conferences he stated that the course of study is a live and progressive course, well adapted to meet the needs of the pupils, that in the methods of teaching and discipline which he had observed in the classrooms he had seen only good work and had no reason to think that more extended observation would change this opinion and that consequently he would suggest no program of improvement along any of these lines. Under the topic of supervision he called attention to the fact that close supervision of teachers and methods was less needed here than close supervision of pupils, a form of supervision which, owing to the nature of the work, only principals could furnish, each in his own school. In his opinion the supervisory work of the superintendent and assistant superintendent should be mainly with the principals and the latter should be responsible for the work in the schools. The chief item of improvement desired for the elementary grades, the more rapid progress of overage pupils, would be secured through closer study of individual cases by principal and teacher, combined with the removal of the other handicaps over which teacher and principal have no control. The fact that teachers and principals are hampered in giving this individual study under the present conditions of large classes and lack of clerical assistance for principals should not be overlooked.

GRADES IN WHICH RETARDATION IS GREATEST.

In a manufacturing city the highest percentages of overage will usually be found in the grades just before the completion

of the requirements necessary to secure an employment certificate, i. e., grades V and VI. The effect of the passage of the new law regarding the age of compulsory school attendance in Massachusetts two years ago has further increased the large number of fourteen and fifteen year old pupils in these grades. In most cases these children had expected to go to work on reaching the age of fourteen years because they had already completed the work of grade IV and under the previous law would be entitled to a work certificate. Many of these children will profit by their longer stay in school and the average level of knowledge and culture in our future citizens will be lifted a little through this law.

Yet many of these children, intelligent enough for all the practical purposes of daily living, fail to grasp the more difficult work of these grades, however diligently they may apply themselves. The various causes tending toward retardation have produced their results through no fault of the child or of his teachers. In addition to the many earnest boys and girls who are struggling unsuccessfully with work beyond their comprehension there are not a few pupils who in bodily stature and in social reactions have passed beyond the age of tutelage and are entitled to opportunities and work which these grades cannot furnish.

These pupils need workshop classes based upon the continuation school plan but adapted to the slower intelligence of pupils who cannot accomplish the work of grades V and VI. In a city having a large foreign population with many pupils entering school too late to complete the work of the grades in the required time or with intelligence too low to grasp it no marked lessening of overage can be accomplished until some such provision is made for these children and youth.

These workshop classes are still more urgently needed by another group of children, subnormal or border-line cases, pupils who have been tested in the mental clinics conducted by the state and are not recommended for admission to the special classes for exceptional children because these classes fail to serve their need as definitely as grade classes do. The experts

in charge of these clinics usually recommend that children twelve years old and over, border-line cases and those with mentality but little below normal should remain in the grade until workshop classes are provided. Dr. Fernald, Superintendent of the State School at Waverly, strongly urges the establishment of these classes and has made valuable suggestions concerning methods of conducting them.

The opening of these two grades of work-shop classes would not only solve the most difficult part of the problem of retardation in our schools but it would be a very progressive step in public school administration. Without such training these children must continue to struggle under a sense of failure, of isolation in an environment far too young for them, and with unused powers and energies calling for exercise. With this training these children have an opportunity to develop into good citizens, good workers, good home-makers, and might become happy, useful, and successful instead of unhappy, antagonistic, discouraged, and bound by the habit of failure.

PROGRESS MADE.

In commenting on the high intelligence scores reached by some of the overage pupils in grades V and VI Dr. Spaulding pointed out to the teachers that not infrequently overage pupils with high intelligence scores could be promoted to a higher grade, even if their achievement scores were much lower than their intelligence scores, and would usually rank no lower in achievement in this new grade than in the grade below. He recommended a generous promotion of all overage pupils whose score in these tests reached the median score of the higher grade. The January promotions occurred while the survey was in progress and Dr. Spaulding inspected the reports of these promotions to find to what extent double promotions had been granted to overage children. He strongly disapproved of a tendency noted to give double promotion to the precocious child of normal age or younger who had ranked high in the tests and stated emphatically that such children should not be

accelerated unless their physical and social maturity was equal to their mental progress, claiming that it was as unfortunate for a younger child to be associated with pupils more advanced than he in point of view and physical capacity as it was unfortunate for an older child to be placed with children much younger than himself.

Some schools gave double promotions generously to overage children and report that the pupils' work in the next term justified their promotion. Other schools were ready to promote as generously but found no room for these pupils in the grades above, the classes there already enrolling more than fifty children. In some cases intelligent and interested parents declined to sanction double promotion for their children, and in other cases considerations of health, outside interests, and other factors made double promotion undesirable for children who might be doing brilliant work. As other handicaps are removed out-of-course promotion will become more frequent because teachers and principals will be able to administer it with better promise of success. During the coming year this subject will be kept prominently in mind.

CONCLUSION.

When the proposal to conduct a survey of the schools of the city was made, the plan met with a cordial reception from every department in the school system, and in his report Dr. Spaulding expresses his "unbounded appreciation of the willing, the enthusiastic, and the highly efficient co-operation" he met here. It was, naturally, a disappointment to many workers in the school system that the contract with Dr. Spaulding did not include a report of the good points of the system, that, in fact, this contract precluded any report of good points, but they recognize the constructive nature of the criticism found in the report of the survey, criticism which points out the mistakes of the past but also outlines present aims and directs future efforts.

New Bedford is a city of workers, engaged chiefly in an industry which calls for skill of hand and eye. The elementary

schools of New Bedford have consciously striven to train eye and hand to express the worker's thought not only accurately but with a view to nicety and beauty in appearance and arrangement as well as to standards in scholarship. Adult workers trained in these schools have expressed their appreciation of the value of this training and of its influence upon skill in later years.

It is possible that the desire to maintain high standards has increased the natural tendency toward retardation in a city like ours. But our course of study has also been planned to meet the needs of children who must leave school early and while a large proportion of our pupils are found in the lower grades it is questioned whether many manufacturing cities give in the lower grades as broad a training in the knowledge and skill needed for future usefulness as is given here.

Are not our schools being judged by their defects alone, without regard to the causes which produced these results? Are they not entitled to a fair-minded estimate of work based upon merits as well as upon defects? The schools deserve the confidence of the community. They have a claim upon its interest, its acquaintance with their work, and its constructive criticism. A belief that the community intends to deal fairly with its schools is the greatest asset of any school system and the best promise of its future success.

Respectfully submitted,

JOSEPHINE B. STUART.

Report of Director of Continuation Schools.

Mr. True C. Morrill, Superintendent of Schools:

Dear Sir:—My report for the year ending December 31, 1922, follows:—

The needs of its pupils has been the determining factor in the development of the continuation school. This has meant the establishing of as strong a contact as possible with the pupils both inside and outside school; it has meant knowing the boys and girls and through that knowledge gradually building several courses designed to provide opportunity for the employed minor 14 to 16 years of age. Courses have been established as soon as the need was apparent and the facilities were at hand.

ENROLLMENT.

	Boys	Girls	Total
December 23, 1921,	592	695	1287
December 22, 1922,	691	739	1430
Increase,	99	44	143

The enrollment Dec. 22, 1922 was distributed as follows:

Boys		Girls	
Machine,	234	Sewing,	441
Electrical,	217	Cooking,	142
Woodworking,	212	Millinery,	72
Commercial,	16	Commercial,	79
20-hour,	12	20-hour,	5
Total,	671	Total,	739

HOUSING.

The girls have greatly appreciated their change of quarters from basement rooms to the Sylvia A. Howland School. A cooking room, two sewing rooms and one room for related and

academic work have been provided there. One basement room in the Abraham Lincoln School and one in the R. C. Ingraham School are still in use. These two rooms should be abandoned as soon as more suitable quarters can be secured.

It would seem that the boys are destined to remain for some time to come in the frame buildings which they now occupy. More shop space is needed and could be supplied by an addition to the west of each building.

NEW COURSES.

Early in 1921 pupils, especially grammar school graduates, requested an opportunity to take up commercial work. The High School equipment was placed at the disposal of the school. Two classes were organized. The numbers have increased until at the present time there are 5 classes of girls, one for each afternoon of the week, and one class of boys, which meets Tuesdays. A further increase is contemplated and at an early date it is expected there will be seven or eight classes in this line of work. Some of the pupils, already engaged in clerical work, have benefitted by this course of instruction; others have entered the occupation after taking the course.

Millinery has been added to the courses offered in the home-making department. Girls have not only made hats for themselves but in many instances for relatives and friends.

During the first year of the school's existence conditions in industry were unstable. The number of minors 14 to 16 years of age temporarily out of employment was so large that facilities were lacking to accommodate them. Other large cities had the same experience.

In Sept. 1921 20-hour classes for these minors were established. The girls have had home-making work on a larger scale than they could handle in their 4 regular hours. The boys have had try-outs in all the shops.

When a pupil has left school to enter industry he should be at work or return to the regulation school. The chief concern of the out-of-work pupil is to get another job. His

sojourn in the 20 hour class is temporary. Through follow-up work the school has endeavored to make a contact with industry and be in a position to recommend pupils to fill vacancies as they occur. Several pupils have secured employment in this way. If a pupil is unwilling or unable to secure employment his return to the regulation school has been recommended unless for some special reason he had better remain in the continuation school.

Plans have already been made to begin in February 1923 a course in home nursing and child welfare for the girls. This course has been recommended by the state department the last two years but provision for it could not be made at an earlier date.

Laundry work has been done as well as conditions would permit, in connection with cookery. Recently the basement room in the S. A. Howland School was equipped for this purpose and will be in use as soon as a necessary partition is erected.

Many girls have the care of the home on their shoulders. At times it has been desirable that the teachers go into the homes and there give individual help in home-making. This service has been cheerfully performed.

OUTSIDE ACTIVITIES.

Two years ago the compulsory continuation school made its appearance in Massachusetts. The prevailing question at that time was: "What can you hope to accomplish in 4 hours of schooling per week?" The answer to that question as propounded in action by the boys and girls of New Bedford has been far and beyond anything that the most hopeful dared suggest at that time.

It has not been a question of how much can be done in 4 hours. It is rather how much influence can be exerted in 4 hours and "follow up" that the pupil may find for himself opportunity to do what he otherwise would not do; and opportunity to become what he would not become without it.

Acting on this principle continuation school clubs have sprung up north and south. The girls have had "gym" classes in the evening, have organized an orchestra, baseball, bowling and basketball teams, have held whist parties, dances, minstrel shows and picnics. At the present time the "gym" classes meet in the High School gymnasium every Wednesday evening under the direction of Miss Elva M. Parker. Every Friday evening in the Howland School groups meet for such work as knitting, crocheting, wax and woven bead work, basketry, embroidery and drawn work.

The boys have formed baseball, soccer and basketball teams; entertainments have been held; an orchestra has been organized; once a week the South End boys have met at the Community Center in the Donaghy School; the North End boys have the use of the Mt. Pleasant School gymnasium Wednesday evenings.

A school paper was issued by the Boys' South School last year. It was so successful that in the future it will be taken up by the entire school.

These activities are all voluntary on the part of the pupils and have grown out of their own desires fostered by the teachers who give generously of their time and energy.

In addition the following is worthy of note as indicating the influence of the school:—

	Boys	Girls
Number of pupils returned to regulation school,	8	10
Number of pupils sent to Vocational School—day,	3	4
Number of pupils entering Commercial School,	4	2
Number of pupils entering Evening High School,	21	106
Number of pupils entering Evening Vocational,	21	87
Number of pupils entering Evening Textile,	42	8
Number of pupils entering Evening Elementary	73	120
Number of pupils entering Other Evening Schools,		12
Number of pupils taking Correspondence Courses,	5	2
	<hr/> 177	<hr/> 351

Pupils have continued in the school beyond the compulsory age of 16.

Out-of-town pupils who have ceased their employment in New Bedford have requested the privilege of attending the

school and where this has been authorized by the town of residence permission has been granted.

Home permit girls have attended more than the required time.

EXHIBIT.

In March 1922, an exhibit was held in the Howland School which reflected credit on the many pupils whose work was shown.

CERTIFICATION.

Pupils early experienced a desire for something to show for the time spent and work done. Certificates have been granted to those pupils who have done satisfactory work and who have attended at least 100 hours.

It is planned hereafter to present these certificates, with appropriate exercises, twice a year, once in February and again in June.

REIMBURSEMENT.

Based on approval by the State Authorities the city of New Bedford has received this past year \$2,426.46 from the Smith-Hughes Funds to be applied to teachers' salaries in Continuation School.

Based on the same approval the State reimbursed the city to the extent of \$33,689.38.

As provided by Acts of 1922 the Commissioner of Education has notified the School Department that a tuition rate of 30 cents per hour of service is approved and effective September 1922 for non-resident pupils attending the New Bedford Continuation School. Last year the school contributed 14,982 hours of service to non-resident pupils.

PROFESSIONAL IMPROVEMENT.

Dr. Brewer of Harvard held a conference with Continuation School Teachers in New Bedford last year on the subject of Vocational Guidance.

Mr. John I. Lusk of the State Department conducted a series of lectures on Related Work for men teachers.

February 9, 1923, Dr. George E. Dawson, Director of the Psychological Laboratory, Springfield, Mass., is scheduled to lead a conference on the subject of Tests and their use in Continuation School. This meeting will be held in the Howland School.

Early in 1923, Miss French of the State Department, will give a series of lectures on Recreational Activities for girls.

In addition to the above every teacher in this school has fulfilled the State requirement that some Professional Improvement work be done each year.

CONCLUSION.

Too much credit cannot be given teachers and pupils whose labors have placed the school in the position it occupies today.

The school appreciates the co-operation which industry has accorded and is grateful to all who in any way have contributed to whatever success it has attained.

Respectfully submitted,

EDWARD T. N. SADLER,
Director Continuation Schools.

Report of Director of Americanization Work.

Mr. True C. Morrill, Superintendent of Schools:

Dear Sir:—The fall of 1920 marked the beginning of organized Americanization work in the New Bedford School Department. Consequently, the report of 1920 could contain scarcely more than the hopes and prospects for this department.

Since there was no regular school report in 1921, on account of Dr. Spaulding's survey, it seems almost imperative to speak briefly of the work of that year. That work formed the foundation of future developments, and upon the stability of that foundation depends the value and success of the department of today and tomorrow.

BRIEF SUMMARY OF ACCOMPLISHMENTS IN AMERICANIZATION DEPARTMENT FOR 1921.

1. Classes were organized in mills, clubs, and churches.
2. Teachers were trained, all employed being either day school teachers, or those who had taken the University Extension Course of "Methods in Teaching English to Adult Immigrants."
3. State material—themes for beginners and intermediates—was provided for adult classes, and city provided same for minors, with these effects:—
 1. Teacher could spend more time in preparation of "how to teach," instead of "what to teach."
 2. Organized and standardized material furnished basis of grading which was adopted throughout the city.

3. An enrolment card system, similar to the one in day school, was started for two reasons:—
 1. That pupils once enrolled in any class might be followed up till the school could no longer serve their needs.
 2. That the evening schools might be institutions worthy of recognition, because of their definite organization.
4. Americans, old and new, became acquainted with the purpose, the principles, and the workings of this department, realized the necessity of co-operation to allow it to function to the best advantage to all, and acted accordingly.

The reputation of the work of 1921 bid fair the promise of the work for 1922. It is a pleasure to submit the following report, somewhat statistical, that you may see, at a glance, where classes of adult immigrants are being held, and the number that are being reached.

EVENING SCHOOLS.

Place	Enrolment
Allen F. Wood,	219
Hosea M. Knowlton,	126
John B. DeValles,	113
Abraham Lincoln,	109
Robert C. Ingraham,	94
Parker Street,	66
	<hr/>
Total,	727

The responsibility of recruiting and holding classes in "Other Centers" depends upon the interest of the clergy, of public and semi-public organizations, and of ambitious racial leaders, in promoting educational opportunities either for their fellow countrymen, or for their future fellow citizens.

OTHER CENTERS.

Place	Enrolment
St. Anne's—French Church,	31
St. Anthony's—French Church,	40
St. Joseph's—French Church,	25
Mt. Carmel—Portuguese Church,	81
St. John's—Portuguese Church,	60

Syrian Church,	22
International Institute,	14
City Mission,	25
Library,	54
Sassaquin Sanatorium,	20
Monarchic Portuguese Club,	45
Santa Cruz—Portuguese Club,	26
Monte Pio—Portuguese Club,	22
St. Christo —Portuguese Club,	16
Pearl of the Ocean—Portuguese Club,	30
Total,	<hr/> 511

It has been said by State authority that no city in the U. S. A. could compare favorably with New Bedford as to the number of so-called factory classes and the enrolment therein. How has such an enviable record been made possible? Manufacturers in New Bedford, by virtue of their position, recognized their privilege and duty as citizens to promote opportunities for establishing a common language and a common citizenship. Personally, and through their corps of assistants, among whom the overseers deserve special mention, they co-operated with the school department and made possible the following report.

FACTORY CLASSES.

Place	Enrolment
Beacon,	87
Booth,	55
Fairhaven,	44
Holmes,	137
Nashawena,	35
Nonquitt,	55
Penrod,	260
Potomska,	50
Taber,	66
Wamsutta,	95
Whitman,	49
Total,	<hr/> 933

Citizenship work has probably made more marked development in the Americanization program than any other type of work. Citizenship classes are conducted in accordance with the agreement arrived at between the Division of University Extension and the Federal Bureau of Naturalization, New England Division.

A typical citizenship class is made up of men and women who can speak, read, and write English, and who have petitioned for second papers. The course of study for the citizenship class comprises thirty lessons. It is designed to make good, intelligent citizens. It presents three series of lessons intended to answer these three questions.

1. What is our American Democracy?
2. How did it come to be?
3. How does it work and serve?

At the completion of the course, an examiner from the Federal Bureau of Naturalization is sent to conduct the final examination required by the Federal Bureau of Naturalization for admission to citizenship.

In co-operation with the Bureau of Immigration, citizenship classes are recruited twice a year, in September and in January, that petitioners may prepare for the final court hearings, held in New Bedford in December and June. From no such citizenship classes in 1920, to seven classes in 1922 with more than 200 in attendance, is one of the natural outgrowths of the Americanization work.

ELEMENTARY EVENING SCHOOLS.

With the exception of Boston, New Bedford has more boys and girls between the ages of 16 and 21 in its evening school classes than any other city in Massachusetts. The reason for their being in New Bedford is obvious. The reason for their being in school is twofold:

1. The strict observance of the Massachusetts law regarding school attendance of so-called illiterates, by employers; and
2. Efficient follow-up work, by the attendance officers in the school department.

The boys and girls in these compulsory attendance classes are the future men and women of New Bedford. Their instruction is no less important than that of the adults, and is so regarded today. The principals of the five large evening schools

have an assistant this year for the first time. The chief work of the assistant is to see that the classes are, and keep, properly graded. The individual pupil is promoted or demoted whenever his ability so indicates and warrants. Every pupil and every class is tested at least once during the term.

The enrolment of the minors in the evening schools is as follows: Lincoln, 366; Ingraham, 346; Knowlton, 335; DeValles, 213; Parker, 89; Allen F. Wood, 9.

The discipline problem so common in compulsory attendance classes is fast disappearing from the New Bedford evening schools. Its disappearance may be attributed to three causes:

1. Properly trained teachers.
2. Adoption of proper material for instruction.
3. Careful grading.

It is to be hoped that the instruction will be so satisfactory, and the value of an education and the opportunities for getting one will be so evident, in these compulsory attendance classes, that 21 years of age will not be interpreted as the time to leave school, but simply will indicate the age when one attends school voluntarily.

Many boys and girls have been obliged, by home conditions, to leave school as soon as the law allowed. Some found they were not eligible for positions to which they aspired, because they did not possess a grammar school certificate. Two hundred twenty-one boys and girls, deprived by necessity of a grammar school education, welcomed the organization in the evening schools of grammar grades. These classes are held at the Lincoln, Knowlton, Parker and DeValles evening schools, and four rooms, where departmental work has been organized, have been opened at the Donaghy School.

A course of study was devised to cover the work of grades 7 and 8 in four evening school terms. Arithmetic, English, History, and Geography were the main subjects provided for. A grammar evening school certificate is to be awarded for the satisfactory completion of the work of grade 8A. Probably

45 such certificates will be awarded at the close of this evening school term. This department has a future.

CONCLUSION.

The School Committee, the superintendents, and especially the former director of this department, by their interest, encouragement, support and advice, have helped immeasurably to make the types of education referred to in this report, grow and succeed. In the final analysis, however, upon the assistant supervisor, the evening school principals, and the teachers in all the classes, rested the responsibility for improving standards and maintaining interest and attendance, and to them is due special commendation for the achievements of the department.

The Americanization department is organized, and the work has begun. A city within whose confines there is one common language and one citizenship, must ever be our goal. Thus, can we, by promoting the progress of this department, further the aims of our democracy.

Respectfully yours,

JOSEPHINE SHANAHAN,
Director of Americanization.

Report of the Supervisor of Drawing.

Mr. True C. Morrill, Superintendent of Schools:

Dear Sir:—Following is submitted a report of the work of the Drawing Department.

A lecturer recently addressing the Teacher's Association furnished a possible theme for the drawing teacher's outlines,—“All we do by way of general education is done for the sake of giving the individual an understanding of himself and his world. . . . Let the pupil see through the subject as much of the world as the subject may show using it as a glass to see through.” What interpretation of the world and himself can the pupil obtain through the medium of drawing and art study? Much might be written; briefly it might be stated—he may learn to appreciate the beautiful and to translate it into terms of use. Art should enter into the life of the people and unless it does so has little meaning, effect or influence. The School is a small world; it is our world while we are within its walls. Does school art function in school life? Further, can it go beyond the walls of the schoolroom and play a part in the wider life outside?

Since the publication of the last report of the drawing department the children have had numerous opportunities for making their school drawing of service to the community.

There was the sale of work of the blind for which pupils of the upper grades and High School contributed posters which were placed in windows of shops in different parts of the city. The Director of the Division for the Blind, Massachusetts Board of Education, sent an appreciative letter thanking the children for their interest and co-operation. There was also Health Week, when the New Bedford Woman's Club instituted a health poster contest to which there was such enthusi-

astic response that the Woman's Club generously gave special prizes for the work of the elementary school children.

The Ingraham School held a bazaar for which the departments of music, cooking, sewing and physical training co-operated with the drawing department and from the proceeds were bought books of reference, some beautiful pottery for drawing models, while a sum of money was added to the music fund. The Parker Street School also has purchased from its entertainment fund a fine collection of pottery, delightful in color and form, for drawing models.

Similar activities continue. At the time of writing school plays and pageants are preparing and a Christmas bazaar is being held. A class has made tiles and book-ends in colored cement and flower boxes for the schoolroom windows. Another class has a set of encyclopedias for which a rack or shelf is needed; with the combined efforts of the manual training and drawing departments it is expected to construct this. In another school some boys have been lettering signs. This having been done outside sessions has taken no time from studies, is a practical application of school work and a recognition of its usefulness outside. Another instance which might be mentioned is that of a primary school boy who duplicated and sold the toys he made in his drawing class. Many of the children are illustrating in poster form the teachings of the Health Department.

In June Miss Edith H. Rowe, after four years of efficient service, resigned from the department and Miss Blodwen L. Williams, a graduate of Pratt Institute, was appointed.

Last year, owing to the increase in the number of part time classes and consequent limitation of time, drawing was often omitted, the result showing a noticeable falling off in the quality of the work of pupils who had been in the part time classes. This year time is to be allowed and the supervisors have arranged to give special attention to these classes.

Born in every soul is the desire to "make things". Dear to every child is the delight of making pictures. A librarian told the writer that children coming for books often asked,—“Are

there any pictures in the book?" This inherent love of picture making may be utilized in vivifying history, literature and geography. In making an illustrated booklet or a scene for a puppet theatre or in dramatizing a school play comes the consideration of what scenes shall be chosen, what characters represented, how they shall be dressed, in what surroundings placed—all this leads to imagining and visualizing events and scenes with greater keenness and gives them reality. Children love to draw people, animals, living things. Time was when the discovery of a drawing of "Teacher" made in school by a pupil was occasion for reproof but recently in a grammar school class such a drawing found by a teacher was shown to the class and the evident likeness favorably commented upon; instead of a reprimand the youthful portraitist received encouragement.

We learn to draw by drawing and with practice comes skill. Certain principles are necessary to be taught but they are few for each grade and simple. An outline of the term's work is helpful, that to each year may be apportioned its share of accomplishment but the manner of teaching, of carrying out the work outlined may be varied according to the needs of the class. We should be quick to seize the timely interest. There is a reason for drawing a group of books when the drawing becomes a poster for Children's Book Week, or for studying the angles and disappearing edges of a pile of boxes when we are going to turn the drawing into a poster to help along the sale of Christmas seals for the prevention of tuberculosis.

Drawing should be a delight and though it has its tasks it is necessary to strive in order to obtain excellence in any art. One does not learn to play a musical instrument without continued effort, the ear and hand have to be trained. Why be more impatient about the training of eye and hand? Children should be taught to sketch—to tell the story with a few essential lines. Individuality should be encouraged and developed.

We should be able to do more in the way of art appreciation.

We talk of civic improvement. We say the children of today are the appreciators and purchasers of tomorrow. How shall we help them to distinguish good from poor, to obtain standards? We need material. The New Bedford Public Library co-operates generously with the schools by loaning photographs and color prints but should not the school have material of its own—photographs or prints, and now that so many schools are equipped with lanterns, slides illustrating fine architecture, good design in furniture and textiles, something of painting and sculpture? A small circulating library of such things could be passed from school to school.

Many classes are at work on projects of various kinds. The supervisors have a collection of reference books, photographs and a quantity of useful material at their office which is at the service of teachers.

Respectfully submitted,

(Signed) LUCY C. BEDLOW.

Report of Supervisor of Vocal Music.

Mr. True C. Morrill, Superintendent of Schools:

Dear Sir:—I take pleasure in submitting to you a report of the year's progress in this department, together with a few recommendations for further development.

The most important step forward this year, has been, without question, the introduction of the Dann Music Course in our fifth and sixth grades. This course which had been gradually introduced in the first four grades, had received the hearty approval of the teaching force, and it had become imperative to complete it through the two last grades of instruction in sight reading. We now have a uniform Course through that period which is a distinct advantage to both pupils and teachers for it furnishes an excellent choice of teaching material as well as most enjoyable songs.

Owing to the fact that we have introduced new books in the grades, more attention than usual had to be paid to the technical side of our subject and the children have gained in ability to read music. On the other hand, tone quality has suffered a little because our allotted time is too limited to permit us to attend to both equally. And, as tone quality should be our foremost consideration, we will turn our attention to it as soon as possible. We really should have ninety minutes a week to get proper results. Therefore, I respectfully request the granting of more time and of more assistance for the grade work. At least one more assistant is badly needed in this department.

The care of boys' voices during the changing period has

received the same attention as in the past few years, and we are now reaping the benefits from that particular line of work. We now have a good many boys of grammar and high school age who have a certain knowledge of how to use their voices and the number is bound to increase. I feel that this is a very important subject and I wish I could devote most of my time to it. It should be well worth while, for it is neglect through this delicate period which is the cause that so few men have good voices. I am confident that help and guidance at that time will assure a generation of good singers and speakers.

At the high school the singing classes are not as large as they have been the last few years. This is due to the change in program necessitated by the crowded conditions in that building. Although everything has been done to accommodate as many pupils as possible many have been unable to include music in their program.

Our girls' glee club now numbers about 100 voices and does high grade work. Our boys' glee club numbers about 40 voices and is a great favorite both in and out of school.

Last February both clubs combined gave a very fine concert in the auditorium. They were assisted by an excellent artist, Miss Nelda Hewitt Stevens, in American songs in costumes. The boys and girls furnished the choral music. Their work was highly commended and their services were immediately requested for the High School Alumni Annual Reunion in June. Then again, they gave great pleasure and were graciously received by the Alumni.

Our glee club work is certainly a credit to the school and a fine education for the pupils for they can graduate from there into higher organizations where more advanced works are given.

Finally I recommend again that credit be allowed to high school pupils who study music with some reputable private teacher and whose aim is to take up music as a profession. With the present requirements it is very hard to pursue serious musical studies during the high school period and I heartily recommend that credit be granted so that such pupils could drop one of the regular subjects.

I wish to voice my deep appreciation for the splendid co-operation of my assistants and of teachers in general and will terminate by assuring you, Mr. Superintendent, of my sincere regards and my gratitude for your kindly interest in the work of this department.

Respectfully yours,

(Signed) RODOLPHE GODREAU.

Report of Director of Health and Hygiene.

Mr. True C. Morrill, Superintendent of Schools:

I hand you herewith my report beginning with the first of August, 1922, when I began the organization of the Department of Health and Hygiene, in accordance with Dr. Spaulding's survey, my own title being the Director of Health and Hygiene with the rank of an Assistant Superintendent. The purpose of this department was to begin co-ordinated preventive medicine in the school by "education in health as well as health in education". An excellent foundation has already been made through the work of Miss Stuart.

At the present time, we have a small but smooth-working organization. The office work is ably handled by Miss Hamilton, who from the first has given evidence of unusual ability. A suite of offices for this department has been completed and consists of the Director's office, an examining room and a nurses' and supervisors' room. Miss Ricketson, the Supervisor of Nurses, has at all times, proved an able and absolutely satisfactory assistant. Her twelve years' experience in the work locally is a distinct asset. Five school nurses have done good work each caring for approximately 3400 children. The School Survey of the Chambers of Commerce shows that the ideal number of children for a school nurse to handle is approximately 2000. The nurses have been given definite courses of instruction by myself and attend weekly conferences for further improvement. In times of emergency, such as epidemics, the number of these conferences is increased to keep them in touch with the situation. Thoroughly trained school

nurses are scarce and it takes at least a year for an inexperienced school nurse to prove her value. For this reason, some salary scale based on time of service should be adopted for school nurses. School nursing is the most highly specialized type of public health nursing. It is expected during the coming summer that school health work will be continued as follow-up work and health teaching on the playgrounds. This will undoubtedly lessen the work in minor skin diseases which, at present, makes the school year an exceedingly busy time.

SCHOOL INSPECTION.

This is done on the sorting system, the nurses examining each child and the important cases are referred to the Director for his opinion. A cumulative health record, known as H114, largely devised by the Massachusetts Department of Education, has been adopted. It travels with the child from room to room. Once suitably begun, this record can be carried on with a very little amount of clerical work. Its value to the teacher, as well as to the Department of Health and Hygiene, is great since it offers a solution to difficulties not otherwise clear. The annual work on the eyes and ears was completed by the first of October and its good effects are already evident.

I feel that an attempt must be made to offer a more thorough physical examination than required by law, especially upon the admission of a child to the school system since the parents and the school department may thus know what defects the child possesses and take measures to remedy them if the child is admitted. In any case, a child should have as thorough examination as permitted before admission to school. The complete physical examination was given this year to the football and soccer squads, new members of the R. O. T. C. and certain volunteers, about 750 in all. A complete examination of persons engaged in competitive athletics is almost essential if serious injuries are to be avoided.

A number of cases of minor skin diseases are constantly being discovered. We have found that unless some provision is made

for instruction in home treatment through the school department and some slight treatment provided at the schools, attendance will seriously suffer. For this reason, we have home treatment slips for pediculosis, as in previous years, and a new slip for scabies (itch) which has already proved of the greatest value. It may be necessary to introduce home treatment slips in the cases of impetigo and ringworm. We are required to exclude certain children having epilepsy or heart disease who, however, are capable of carrying on satisfactory work at home. For such children, a traveling teacher would be of the greatest assistance. At present, we have arrangements with the Family Welfare Society to care for a few such cases.

PHYSICAL EDUCATION.

This work has been affiliated with my department on the principle that with medical advise, as a result of medical findings, the teaching in this department can be more surely directed to the correction of particular defects. As a result of the examinations of a number of High School students, Mr. Ferguson is placing emphasis on exercises for the correction of flat feet and improvement of posture.

Similar emphasis is made by Miss Parker in the grades. This work is based on the findings of about 750 thorough physical examinations of children who are probably physically better than the average. The exercises for flat feet are ones of proved value in orthopedic clinics. Regarding posture work, the children are being shown easy corrective methods. Miss Parker and I expect to study thoroughly a number of children, following them with the schematograph and keeping records of the child's improvement. The work will serve as a guide to the general needs of the children. In all this work, we are attempting to correct outstanding defects existing in this particular locality and are checking results to determine the efficiency of methods used. The work could be done much more effectively with one more person added to the physical education division.

In the primary and grammar schools, physical exercises are now universally conducted out-of-doors except in unsuitable weather. In certain schools, this had already been started. Many consider this one of the most valuable changes of the year since it offers fresh air in the middle of the session, thus improving the mental activity and general health of the children. The results have been exceedingly good. Miss Parker is an enthusiastic worker and I have found her very co-operative. The coming year as planned will greatly increase the value of the work in physical education.

The State Supervisor of Physical Education, on his visit to New Bedford at my request, felt that the work was being done intelligently and that the children were being given a very good course, any local handicap being met adequately. He believes that the results will be greatly improved by the present system of working in close touch with a physician.

LABOR AND INDUSTRIES.

In connection with the Department of Labor and Industries, from August 1st to the beginning of the new year, I have examined 925 children for their employment certificates. The child is furnished with as thorough an examination as the work indicates and his general condition seems to warrant. The system adopted is considered satisfactory by the state authorities. Considerable publicity has been given throughout the country to the possible injury wrought by the employment of children of these ages. If such belief is only partly true, it is very evident that the child should be protected as far as possible by a suitable examination before beginning work. By the cumulative health record, we shall shortly be able to have a knowledge of the child's physical condition during all his school career as well as the record of the examination when he goes to work. Thus, we can better judge the suitability of the child for a definite sort of employment. The fact that the child is required to report for examination each time he changes the form of his work furnishes further opportunity for

following his general condition. The introduction of certain health work in the Continuation Schools on the basis of this general physical information is bound to give good results and when this system is well underway, the child between these ages who works in New Bedford will be given the utmost protection possible to his health and will, therefore, be of greater economic value both to himself and to his employer.

A number of children have to be turned down for certain jobs. Difficulties in eyesight are the greatest causes. More marked interest on the part of the child in securing glasses when suggested in the schools would lessen this number. Certain members of the Rotary Club have expressed a willingness to help such children get in touch with a possible employer when suitable work is available and this undoubtedly helps relieve certain hardships otherwise bound to occur. Some firms at the present time inform us of some vacancies which exist and this has been of great assistance. The number of these cases is not large but when they occur, they are usually very serious.

ANTI-TUBERCULOSIS WORK.

Through the splendid work of Mr. Geoghegan and his associates, the situation, previously very serious, is well in hand. In this task, this department has a very definite responsibility since it covers the children of school age. One of the most important steps is the weighing and measuring of each child each month and keeping an accurate record of the same, also informing the parent regarding the weight by means of the report card. The older children learn to weigh themselves. The amount of time consumed is small. Steady loss of weight is one of the most characteristic and early symptoms of the White Plague. In this connection, I have perfected arrangements with the Board of Health T. B. Clinic whereby such children as appear to need investigation and cannot secure it otherwise may have a thorough chest examination by Dr. Wise, who is a specialist in this work and the child can be followed in the clinic if need be. These examinations are made only

with the signed permission of the parents. This work has not been done as yet but will be started within the next few weeks, the reason for the delay being that this is the first year that the weighing of the children throughout the school system has been done and several months are necessary to get an idea of the child's actual need. The use of milk and lunches in some of the schools is of great advantage to under-nourished children and undoubtedly forms an important step in the TB. situation. The newly introduced out-door physical exercises, the special health teachings regarding fresh air and personal cleanliness give a fairly complete program. Beginning with the new year, the child's weight will be put on the usual card sent to the parent, the Board of Commerce Survey considering this an important asset to health work. We expect shortly to take active interest in the children who are 10% or more under normal weight. An attempt will be made to find out the reason for this and where any cause can be found, we will offer such advise as we can give to remedy it, especially in cases where instruction in dietetics and personal hygiene may be of value.

SPECIAL CLASSES.

At the present time, these consist of eyesight conservation, fresh air and classes for special mental development. Investigation in the fall to discover if there was enough material for lip-reading classes showed that the candidates were so few that it was not worth while to form such groups. There are not enough running ear cases to warrant special classes for them with facilities for suitable treatment. Such classes must be kept in mind, however.

EYESIGHT CONSERVATION CLASSES.

Miss Moore has done notable work as supervisor. The class at the Howland school is to be moved into a new and more suitably lighted room as a result of an exchange with the Continuation School and when this improvement is made, it will be under exceedingly good conditions. It is desirable to

move the eyesight class in the portable to a proper room in the building when such room can be obtained. These classes are believed to be more effective when small. Roughly they are divided into primary and grammar grades. Because of the highly specialized work necessary, an oculist has been employed to make special examinations of the children and in a few cases to offer emergency treatment. This work has been done very thoroughly and at a most moderate expense. A difficulty will arise in the near future because books for such classes are practically unobtainable. At the present time, the eyesight classes are the only special ones where there are enough places to accommodate those who need them. Local physicians are encouraged to refer their cases to these classes when they feel the necessity and such cases are considered directly under the care of the referring specialist, the examination being provided only for children who are unable to care for this matter themselves.

FRESH AIR CLASSES.

The fresh air classes are satisfactory in pedagogy only. They are located at points which, while central, are noisy and dusty, two conditions which prevent suitable rest periods and which encourage the inhalation of dust which in itself is irritant to an already damaged lung. The DeValles lot offers an ideal situation for these classes and is fairly central for the south end. Several lots in the north end would be satisfactory. Good, fresh air and quiet are essential to the success of such groups. The monitor type of building meets the requirements of these classes better than the ordinary portable, the ventilation being improved. A greater number of classes is needed in order that the standard of admission may not be as high as it is necessary at the present time. There is usually a waiting list, especially in the south end, for these classes even with this standard. In the Donaghy school, a few cots have been introduced in place of worn-out reclining chairs. The cot costs much less than a chair and is vastly more satisfactory for the needed rest. A type has been introduced which occupies very little room when

folded and serves as an individual rack for the blanket as well, the blankets being at all times kept apart and aired frequently. The relation with the Board of Health clinics in connection with these classes has been exceedingly satisfactory. The introduction of the one session day with school lunch has met the previous difficulty of the children doing work during the noon hour and frequently coming back exhausted, thus, defeating the purpose of the class.

CLASSES FOR THE UNUSUAL.

Special classes of this type are under the direction of Miss Bassett who is a trained psychologist. At the beginning of the year, there was a waiting list of about 75 children and 70 more have been discovered during the recent visit of the clinic. While new classes are constantly being introduced, the provision is still inadequate and if this type of child is ever to do justice to itself in scholastic work, more provision will have to be made. The State Traveling clinic has allowed us six weeks this year for examination of pupils as compared with four last year, but we find that even this is inadequate. In connection with the clinic work, Miss Irene Croacher proved a very valuable assistant. These classes are run on the Fernald system as far as possible but as yet, no provision has been made for the older child examined in the clinics in order to give him some sort of vocational training. Provision must be made for medical and psychiatric follow-up work of the children examined to carry out the recommendations of the state if the best results are forthcoming. The approaching introduction of mental hygiene clinics of the out-patient type in New Bedford may prove of considerable value in this connection and may also care for certain cases of habit spasm and other nervous conditions with great advantage to the child.

SCHOOL LUNCHES.

Many of the schools serve a lunch of milk and food either brought by the child from home or milk is purchased at the

school sometimes the idea being supported by a fund. Through the co-operation of Miss Keyes, Supervisor of Cooking, considerable canning of material used in the lunches of the Eyesight Conservation classes has effected great saving. It is hoped that this particular feature may be developed further. A hot lunch is of great value to the child but such ideas should be placed on a self-supporting basis when possible or else under semi-private auspices. The use of milk in the schools is of great value in combating under-nourishment and in teaching the child the use of this best of foods. This work is usually self-supporting, for example, the Sarah D. Ottiwell schools raises money through the sale of baskets. At the Ashley and Cook kindergartens, Miss Mansur has secured the co-operation of parents to give a payment of 14 cents per week to supply each child. I believe this arrangement for milk on a self-supporting basis should be eventually carried into every primary school, at least for under-weight children. This particular problem is better met by the school principal than by this department as such.

ATHLETICS.

In all athletic teams under severe competition, suitable equipment should be provided and this has been done in the case of the High School Football team. Where feasible, definite training rules should be established and thoroughly carried out. Football teams should have the services of a physician easily available. A thorough examination of all persons participating in the more vigorous sports should be carried out in spite of the considerable time this step requires.

ACCIDENTS.

Accidents are rare but First Aid kits are supplied to all schools and a member of this department is always available for such work. In this connection, the purchase of standard drugs and economical types of material will save considerable money and add to the efficiency. A report is made to this office of all accidents.

SANITARY INSPECTIONS.

In this work, an attempt is made to conflict in no way with the Department of Inspection of Buildings and it has been my custom when I met any condition, to report the matter to the head of that department for such action as he saw fit. Temperature studies are being made of each room in the school system and humidity studies will probably be made when opportunity permits. These are the best possible checks on the efficiency of the heating apparatus. I have found the janitor, very co-operative. The Janitors' Association, through its discussions of various problems is of great value. The seating problem is inevitable owing to the necessary shifting of pupils. Principals are familiar with the state seating standards and desks have been adjusted as far as possible. Correct seats undoubtedly have no small effect on the child's posture and serious damage can be easily done if care is not taken. In regard to lighting, definite instruction in such technical matter, as cross-lighting and proper use of artificial light should be given to the entire teaching force since in certain rooms, the inner seats are rather dark. Without question, the lighting problem has a serious effect on the eyesight of the pupils. Mr. Ferguson and myself have attempted at times to go over this matter with individual teachers. The introduction of liquid soap has already been provided by the Board in some schools. Hot water in all the schools would be of the greatest value. All of us are familiar with the difficulties of attempting to wash in cold water. Cleanliness is best taught under attractive conditions and this should be kept in mind in washing and toilet facilities. The sanitary situation in some buildings is essentially a budget problem. The mechanical method of cleaning erasers is highly desirable but the apparatus is rather expensive. Different arrangements for pencil sharpening, however, are necessary. The principle of individual articles for individual pupils must be rigidly carried out. Most of the problems in connection with the school buildings are definitely those of the Building Inspec-

tion Department and there is no reason why they should be treated in this report.

HEALTH TEACHING.

In the High School because of the crowded curriculum, Mr. Williams and I felt that a course of lectures on basic health problems would best meet the need of the pupils who are about to become the most important members of the community. The response to these talks has been good and I have greatly appreciated the courtesy of both the High School faculty and the students. In the coming semester, health subjects may occasionally be used in the composition courses to encourage original investigation.

In the Continuation Schools for the first time, definite health work has been attempted and the coming introduction of courses in Home Nursing and Baby Hygiene by Miss Eldredge, a very superior nurse from my department, under my personal supervision, will be of great assistance to those girls who are constantly doing this type of work in the home. It is essential that Continuation School courses be thoroughly practical.

In the primary and grammar schools, health notebooks are being kept. The notebook consists of hints covering the most essential health principles such as suitable diet, health habits and individual or group hygiene. The information is conveyed in as simple a form as is possible, thus emphasizing the few important points with a minimum of effort. In the grammar schools, after certain principles have been introduced, original work has been encouraged and great interest has been shown by the children. In the grammar schools, posters have been made in connection with the drawing courses. In the primary grades, original illustrations have been made for various points brought out. Some notebooks and posters have shown evidence of considerable ability and interest. The children are fond of this work and it is hoped that they will put the hints to practical use.

In the newspapers, more especially the Sunday editions, I

have had signed articles or interviews on school health problems. The response by the public has been very satisfactory. Recently in connection with Mr. Abbot, a High School student, a health strip known as "Johnny, the Health Kid," has been introduced in the Standard to bring out certain points pictorially. Illustrated feature articles have been run frequently. I feel the more New Bedford understands the different problems of health and the methods of meeting them, the more we shall prove the pecuniary value of a strong school health department. At the present, I feel that New Bedford is satisfied that we are trying to introduce a thoroughly efficient system at a minimum of expense. Money used in Health work is but a small part of the budget at best. Great emphasis must be made on health work in the lower grades for here there is ample time. In the kindergartens, plans are underway for special work. By the time a child reaches grammar school, we shall hope to have his health habits fairly well formed.

In connection with the teaching of physiology and hygiene, it is my hope that we shall be able to create our own course using the standard text books merely as collateral reading. This is essentially the method used in schools of higher learning. Such a method would be economical and would require the purchase of comparatively few books. It could be kept up-to-date to a greater degree than is otherwise possible. Only essential matters need be taught under these conditions.

I hope eventually, as the department develops, to have a thoroughly qualified person give practical First Aid in small sections so that the technique will be thoroughly understood.

At the present time, the training of teachers in the normal schools in school health work is improving but is, to my mind, not adequate. It is my hope that a volunteer course can be offered for such teachers as desire it, perhaps one evening a week for a few weeks, in order to acquaint them with the basic principles and around such a nucleus could be formed a thorough health system which will enable us to do exceedingly high-class work with a comparatively small personnel.

SCHICK TEST.

During the fall, the Schick Test was given to about 2000 children, some of whom were previously immunized by the Board of Health and some of whom were new. The cases immunized by the Board of Health have shown that an average of between 80 and 90 percent have been protected. This is an exceedingly good figure, a higher percent is not believed to be as good evidence of satisfactory work. The increasing incidence of diphtheria in New Bedford and the severity of certain cases makes the Schick Test and the immunization where indicated highly desirable and while certain discomfort may arise, it is small compared with the suffering or danger of an attack of diphtheria. Most children of school age will eventually have this work done voluntarily. There are still a few schools which could not be given the test before the new year because of the measles epidemic. This probably means from 500 to 1000 more tests. The work has been given considerable publicity in the newspapers and a movie demonstration was given in the Capitol Review. I feel that in this type of combatting disease, the utmost information should be supplied the public as the support is better. I consider that we should at all times be ready to give the test to any desiring it. It is hoped that local physicians will introduce this test more and more into their practise in which case, less provision will have to be made by the School Department. The test has the approval of the New Bedford medical profession, who have co-operated with us.

I believe that in the near future, a short elective course in Home Nursing is desirable for children of the grammar school grades at least and in the High School should room be possible on the curriculum. Such a course supplies a very definite need of the girl pupils who must meet it in some other way if the schools do not supply it. Short courses are being used in other cities of this size with considerable success.

RELATION TO LOCAL CLINICS.

Dental Clinics. The Board of Health Dental Clinics, in charge of Mr. Geoghegan are doing a splendid work for the

younger children. The number of children handled is large and an imperative need is met. Such work creates an interest in the younger children and it is hoped that the children of grammar school age will care for this matter themselves. I cannot praise the work too highly and I sincerely hope the funds for this work may permit it becoming even more extensive. I consider this clinic of unlimited value to the schools.

Tuberculosis Clinics. These are also under Board of Health direction. They have been used chiefly so far in connection with the Fresh Air Classes but offer great possibilities for work with many children who may be prevented from getting the disease by work done sufficiently early.

St. Luke's and City Mission Clinics. A large number of children are served by these clinics. At times there is difficulty in securing early operation for tonsil cases because of large waiting lists. The Mission, however, is prepared to increase facilities for this work. It is useless to recommend treatment to such children unless early arrangements for treatment can be made. The solution, I believe, is in a very close arrangement between the clinics and this department in order not to overcrowd at one time and have too few at another. This is now being worked out.

MEASLES EPIDEMIC.

During the month of December, starting immediately after the Thanksgiving holidays, an epidemic of measles began in the Harrington school, spreading to a less extent to the Clifford and Cedar Grove. Special arrangements were made for caring for this epidemic through the co-operation of the teachers, the turning of the entire nursing force to fighting this disease and the additions of Dr. Cody and Dr. Spiva, as well as more nurses to the force. At the time of the Christmas vacation, the epidemic was well in hand. Because of the excellence of New Bedford physicians in reporting their cases and because of the active interest of the parents in this connection and because special nurses have been employed to investigate all unexplained absences, the number of cases listed is undoubtedly large.

However, it is my feeling that a much larger percentage of cases have been reported than at certain other times. A new and satisfactory code has been drawn up in connection with the Board of Health for handling the pupils who have had the disease or who were excluded because of other cases in their homes. The schools were kept open, the belief being that the children were safer in the schools under adequate watching and the epidemic under better control under the checking system thus possible. It should be remembered that the Health Department may at any time be confronted with an epidemic with a consequent necessity of fighting it with increased forces, thus somewhat impairing the work usually carried on. There is no help for this, however.

In closing this report, I feel that this department owes much credit to you as Superintendent for the co-operation and constant interest in this work. The good results which have been obtained in the briefest sort of a time could only be made under such circumstances.

I feel that New Bedford citizens have in general approved of the advances which have been made and have certainly given evidence of interest and co-operation. Our relation to the Board of Health will always be a close one and has been, I think, mutually satisfactory. I greatly appreciate the courtesy I have received from them. I feel that at a comparatively small expense under existing conditions, I can give New Bedford a Health and Hygiene department which can be made a model for the smaller cities. It can be positively proved that money spent in such work saves much larger expenditures in caring for disease which might have been avoided by proper school health work.

Respectfully submitted,

HUGH GRANT ROWELL, M. D.
Director of Health and Hygiene.

Report of Grade Supervisor of Physical Training.

Mr. True C. Morrill, Superintendent of Schools:

I respectfully submit the following report of the Department of Physical Education.

Good health and strength is essential to happiness. With this in view, the course in physical education is planned.

A new course in folk dancing has been made out for the grammar grades. This course contains dances for the different nations, including American and English country dances. The Chamarita, one of the dances for the sixth grade, was arranged by a group of children from the George H. Dunbar school.

Special exercises for the prevention of flat foot, have been introduced in the grammar grades. They will be extended to the primary grades next term.

At the suggestion of Dr. Rowell, this fall all the physical training has been taken outside in the school yard. This has been particularly beneficial in the grammar grades as these children do not have a recess period. I believe the teachers recognize the value of this period for work in the open. Many have spoken of the added vigor and diligence of the children when they return to their class rooms.

The time allotment for physical training and recreation has been 235 minutes a week from 1B through 4B and 50 minutes from 4B through 8A. This year a little extra time has been allowed for passing in and out of the building for yard work.

In my report in 1920, I recommended a recess period for the grammar grades, and that something be done in the line of athletics. Action has already been taken regarding the athletics. May I recommend again, in this report a 20 minute recess

period every morning for the grammar grades, this time to be devoted to games and athletics. The interest of every boy and girl will be stimulated. Every child will have the opportunity to find what form of athletics he or she is best fitted for or is most interested in.

Mr. Schrader commended the enthusiasm of the primary children in their games, and their apparent knowledge of rules and spirit of fair play. Just as these children get old enough for higher forms of games and athletics, the opportunity is taken away from them.

If this time were added to the 50 minutes a week which has previously been assigned for class room work, the grammar grades would have 150 minutes compared to 235 minutes in the primary grades. This would seem a more logical comparison.

Organized recess has been developed in all of the schools since my last report. The 30 inch camp balls which have been furnished for the grammar schools, have given an opportunity for splendid exercise to large groups of children.

Aside from the regular course, we have done some very interesting work in special classes for posture. The purpose of this type of class is to meet the needs of children whose conditions call for individual attention and exercises.

Following are the most common types of poor posture found among school children.

(1) The lateral curve, which in most cases is to the left and characterized by a low right shoulder and a prominent right hip. This curve in children is generally postural, and may be corrected or arrested with proper exercises.

(2) The stoop shoulder posture is easily detected by its forward projection of the head, accompanied by a flat chest with hollows near the shoulders.

(3) Round hollow back is a very common type. Here we find an exaggerated curve in the waist region and a compensating curve in the region between the shoulder blades.

Children are admitted to the posture classes upon recom-

recommendations of the doctor, nurse, teacher, physical director or upon request of the parent.

These classes average from sixteen to twenty in a class. This gives the teacher an opportunity for individual work. In the primary grades, these classes are held twice a week and in the grammar grades once a week. Cards containing the exercises are given to each child to be practiced at home.

If we are not satisfied with the results in a reasonable length of time, the parents are generally consulted and I have always found them anxious to co-operate with us on the home work.

A schematograph has been ordered for use in these classes. With this machine, an outline of the posture is recorded showing clearly any deviations from the normal. Records may be taken from time to time showing what improvement has been made. It also enables the children to see just where their posture is faulty.

The first posture class which was started in 1920 proved so successful and the results were so gratifying, it seemed advisable to extend the work as fast as possible. From September, 1921, to June, 1922, there were fourteen classes in operation. Approximately 265 children received instruction in these classes. At the end of June, 180 children had improved sufficiently to be discharged. These same children were examined this fall and I found in most cases their posture had remained good and many had continued their home exercises during the summer.

The value of preventive and corrective exercises in the developmental period of children, and the definite benefit which has followed since the organization of these classes make this work of utmost importance.

Dr. Lloyd Brown in his study of over seven hundred men at Harvard College found that only 20 percent of the group stood in a normal or nearly normal position.

Our schools are doing a great deal to improve the posture of the children. Constant attention is given to the predisposing causes which influence the posture. Seats and desks are properly adjusted for each child, study periods are short and a steady effort is made for good posture in all school subjects.

Combined with the splendid results which the teachers are accomplishing in the posture classes, I feel certain our boys and girls will leave the eighth grade with a much larger percent of good posture than was found by Dr. Brown.

Standardized tests and scales have been devised and standard scores determined, by means of which the efficiency of a class or school may be determined in the various subjects. Up to the present time, these tests and standards in physical education are still more or less experimental. Age, grade, height and weight are the factors to be considered in judging the efficiency of children.

One of the standard tests is the pull up. That is, the ability of a child to pull his chin over a bar from a straight arm hang. The child grasps the bar, hands facing away from him; arms straight and feet not touching the floor. After pulling up high enough to put his chin over the bar, he must return to first position (straight arm hang) before trying again.

This test was given to the children of the James B. Congdon school with the following results:

Times	Girls	Boys
0	246	80
1	27	58
2	10	51
3	5	45
4	1	30
5		12
6		20
7		4
8		3
9		1
10		1
No. taking test	289	305

The percent of children who were unable to pull up at least once is too large. At present, we have no apparatus in the schools on which to practice this. However, I believe, the

next test will show an improvement for the children were keenly interested in their ability or inability to do it. Many of them will find a means outside of school to practice.

With a manometer, we took the amount with which a child can grip with his hands.

The average grip for the girls was found to be:

Right hand 34

Left hand 29

The average grip for the boys was found to be:

Right hand 46

Left hand 38

The average grip for the boys is 12 points more with the right hand and 9 points more with the left.

Later, tests in the high jump, broad jump and a dash, will be given.

Ruth R. Smith, a graduate of the Posse Normal School, was appointed in September, 1921, to assist in the Physical Training Department. Half of her time is devoted to high school work and half to supervision in the primary grades.

The evening gym classes in the high school are entering on their fifth year, with many of their original numbers. Enthusiasm runs high as usual. The registration has been larger than that of any previous year. If it continues to grow; I would advise forming a third class another year. If this were done, one evening could be primarily for beginners. This would be of advantage where so many are now able to take more advanced work.

This year, the girls from the continuation schools are having their gym classes in the high school on Wednesday evenings. The first half hour is devoted to light calisthenics, and the rest of the time to games, apparatus work and athletics.

Carl L. Schrader, State Supervisor of Physical Education, visited our schools this fall.

The outstanding points made by Mr. Schrader were: first, the desirability of a course in physical education, extending through the elementary schools and continuing with more advanced exercises in the high school, preferably universal; second, the value of out-of-door work over that done indoors; and

third, that under the circumstances, the work is going as well as possible here in New Bedford.

Mr. Schrader said, "My first impression, as created by my inspections this afternoon, is that the character of the physical work of the children here is unusually good. Evidences were there that the children had some conception of what they were doing and why they were doing it. They put conscious effort into their work. There was no artificial posture."

Mr. Schrader's visit was a great inspiration to us. It came early in the fall when the work was just starting up after our long vacation. I hope he will visit us sometime later in the season.

The Department of Physical Education this year, has been affiliated with the Department of Health and Hygiene. Dr. Rowell's suggestions and support have been very valuable.

I wish to express my appreciation to all the teachers for their co-operation in the work, and my deepest gratitude to the teachers who have so willingly taken the posture classes. It has meant extra work for them and added responsibility. That these classes have been so successful is due to the enthusiasm of the teachers and their interest in the individual cases.

I wish to thank you, Mr. Morrill, for the support you have given me and for making it possible to extend the activities of my department.

Respectfully submitted,

(Signed) ELVA M. PARKER.

Playground Report, Season 1922.

The nine playgrounds opened July 5th with a staff of thirty-four workers, and continued through August 26th. The plan followed was identical with that of the model playground day submitted to the School Committee last spring, and I am pleased to state that in the majority of cases this general idea was carried out.

There were several experiments tried in the system this year; one, I think, is especially worthy of mention. Due to the size of the appropriation and to the some eight hundred dollars spent from the appropriation before I took charge of the playgrounds, it was necessary to devise some means of obtaining funds. We decided to have the children pay for all materials used for handicraft, sewing, etc. This was thought to be an impossibility, but the final returns show that the department is responsible for only forty dollars and seventy-seven cents, or one thirtieth of the entire bill.

Another step was the picnic idea. This of course was not an innovation but it was decidedly new to have some of the people of the city come forward and offer financial aid. In such instances, I understood that the School Committee had vested me with enough authority (in cases where donations were small) to put in an equal amount of the city's money. This money was used to furnish transportation, to buy milk, ice cream, etc., for the children, and I think this picnic idea was one of the finest of the season in that it reached the poorer class of people, some of whose children had never been either to the country or seashore.

Individual exhibitions were another new feature. This plan enabled parents to see their children's work and proved to the children that we appreciated their efforts; also, we desired to interest primarily, the older folks in the playground movement. The climax came on Saturday, August 26th, when the big exhibition was held. At this display there were over four thousand individual pieces of handicraft exhibited, all of which were made and paid for solely by the children of the city.

Athletics were not neglected and some of the keenest competition I have ever seen developed on the playgrounds of the city. Thirty-two boys passed the highest badge test which in itself is an accomplishment of high order. The girls were not forgotten and many surprises developed in their games. Although more prone to quarreling than the boys the season was completed without any casualties.

A twilight league was organized at Ashley Park and it proved a great success, although at times there were arguments that threatened to assume serious proportions. Nevertheless, the league accomplished the purpose for which it was organized, namely to teach the young men of the South End sportmanship and to furnish the people of that district good, clean, wholesome recreation.

At the close of the playground season some of the staff aided the seventy-fifth anniversary committee and were in a great measure responsible for the successful carrying out of the track meet, the pageant, and other events. For this work, the entire equipment of the playground department was put at the disposal of the committee and our department prepared the anniversary program.

Attached to this report is a fairly complete financial statement of the funds expended during the past season. As estimated herewith, the department is within its appropriation and although there are several outstanding bills they are of such a small nature that the principle will not be materially affected.

Regarding the staff: for the most part I was exceedingly pleased with the workers but in a few instances cause was given

for criticism. To prevent workers from finding an excuse for a vacation at the height of the playground season, it would be an excellent plan if all workers were required to sign a contract that could only be broken in case of severe illness. In this way will the playground season be a greater success.

FINANCIAL STATEMENT OF PLAYGROUNDS
SEPTEMBER 25, 1922.

Total Appropriation	\$6,500.00	
Previously Expended		\$616.77
Charles F. Wing Co.		125.42
Salary of janitor at Hathaway Play- ground, 8 weeks		224.00
Wright & Ditson		169.82
New Bedford Printing Co.		6.50
Harry Backus, 9 weeks back pay, May 1st-July 1st		67.50
New England Tel. & Tel. Co.		.80
F. S. Brightman & Co.		35.69
DeWolf & Vincent		42.97
Payroll, week ending, July 8, 1922		270.00
Barney Zeitz		26.11
C. F. Cushing		3.75
School Department, paste		2.30
Greene & Wood		6.25
Akin-Dennison Co.		14.28
Briggs & Beckman		5.20
Amarantees		71.39
Kelleher		9.10
Frank B. Sistaire & Son		7.78
Hemingway Bros.		47.50
A. C. Smith & Son		5.70
Edward Lahey		20.35
Exide Station		2.50
Emil Ascher		11.98

Charles S. Ashley & Sons	4.00
Mr. Normand	.25
S. S. Kresge Co.	2.70
E. F. Dahill, Jr.	1.13
E. P. Winward & Son	1.22
Payroll	536.84
Payroll	531.83
Boston, Providence & Fall River Exp. Co.	1.60
Paisler & Willis	4.50
Payroll	528.84
Payroll	529.75
White Sewing Machine Co.	2.55
Keystone Appliance Co.	.85
A. E. Coffin Press	4.50
Payroll	517.30
Kennedy and Kirwin	1.50
Hiring tent for exhibition	100.00
*Cardboard for exhibition	22.00
*Other Trucking	48.00
C. F. Spooner	1.75
A. Uttley	6.90
Ramon Rostocki	14.00
Phelan's Garage	1.35
Novelty Press	30.12
Swing \$150. and trucking of same \$30	180.00
Payroll	497.25
John Gonveia, trucking	7.00
Taking of picture on picnic	10.00
For band for exhibition	66.00
Union Street Railway	64.00
Velvet Ice Cream Co.	25.00
Payroll	499.83
M. E. Bennett	40.77
Credit from City Treasurer, sale of used materials	12.10
Robert Mitchell	34.15

SCHOOL REPORT

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William Hicks	7.00
John Hilton	7.00
Payroll	54.83
Edward H. Hicks, 6 photos	4.50

\$6,512.10 \$6,184.47

Estimated balance

327.63

\$6,512.10 \$6,512.10

Estimated.

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New Bedford Vocational School

ANNUAL REPORT
OF THE
BOARD OF TRUSTEES
FOR THE
SCHOOL YEAR 1921-22



NEW BEDFORD, MASS.:
NEW BEDFORD PRINTING CO., PRINTERS

1923

BOARD OF TRUSTEES

Edgar B. Hammond, Chairman

Walter H. B. Remington, Mayor

Robert L. Baylies, President Common Council

Caroline H. Wilson

Patrick Sweeney

David W. Beaman

William Ritchie

Dr. Anna W. Croacher

Frank S. Tripp

ADVISORY BOARD

Boys' Dept.

Frank W. Hatch (P)

George H. Sistare (C)

William P. Briggs (E)

Fred Cowden (P)

Frank S. Tripp (M)

Edward B. Gray (R)

Edward T. N. Sadler (G)

Girls' Dept.

Mrs. Frederick Allen

Dr. Anna W. Croacher

Miss Josephine B. Stuart

Mrs. A. L. Shockley

Mrs. Caroline H. Wilson

Mrs. David W. Beaman

Miss Flora Miller

Mrs. Mayhew R. Hitch

Mrs. Mary E. M. Duffy

FACULTY

William R. Mackintosh	Director
Dorothy E. Burkle	Clerk
Arthur P. Whipple	Head Related Dept.
Thomas F. Oldfield	Day Inst. Related Dept.
George F. Cronin	Day Inst. Related Dept.
Fred S. Baker	Day Inst. Related Dept.
E. Bowley Whipple	Day Inst. Related Dept.
John C. Gorner	Eve. Inst. Related Dept. <small>SHEET METAL</small>
Jams F. Murphy	Eve. Inst. Related Dept. <small>PLUMBING</small>
J. Ovide Isabelle	Eve. Inst. Related Dept. <small>LINOTYPE</small>
Charles A. Wilson	Head Carpentry Dept.
Harold Cowling	Day Inst. Carpentry Dept.
Lster A. Slocum	Day Inst. Carpentry Dept.
W. A. Pittendreigh	Head Machine Dept.
Thomas J. Mulvey	Day Inst. Machine Dept.
Herbert W. Moore	Day Inst. Machine Dept.
Herbert C. Leonard	Day Inst. Machine Dept.
Elmer H. Snyder	Day Inst. Auto Dept.
John P. Lemos	Day Inst. Auto Dept.
Herbert Atkinson	Eve. Inst. Auto Dept.
Harold Steadman	Eve. Inst. Auto Dept.
H. Percy Arnold	Head Power Dept.
Charles A. Foley	Day Inst. Power Dept.
John M. Baldwin	Eve. Inst. Power Dept.
Benjamin P. Pease	Eve. Inst. Power Dept.
Clarence N. Potter	Eve. Inst. Power Dept.
Amos G. Taylor	Eve. Inst. Power Dept.
Charles W. Donovan	Head Electrical Dept.
Onslow C. Johnson	Day Inst. Electrical Dept.
William J. Quinlan	Day Inst. Electrical Dept.
Harold M. Cooper	Day Inst. Electrical Dept.
Malcolm G. Goderre	Eve. Inst. Electrical Dept.

Mildred G. Horne	Head of Day Household Arts
Gertrude C. Lowe	Head Cooking Dept.
A. E. Pulsifer	Day Inst. Cooking Dept.
Alva Glidden	Day Inst. Design
Nellie F. Dunn	Day Inst. Sewing
Ethel K. Bruce	Day Inst. Sewing
Gertrude C. Clark	Day Inst. Sewing
Kathryn H. Dorgan	Day Inst. Millinery
Helen B. Knapp	Day Inst. Science-Math.
Dorothy Smith	Day Inst. English-Civics
Ethel H. Lowrie	Clerk
Verna M. Payson	Super. Evening School
Irene Gray	Inst. Physical Culture
Julia M. Honey	Inst. Home Nursing

SPECIAL EVENING INSTRUCTORS

Mary E. Furlong, Asst. Supervisor.
 Mary H. Grimshaw, Asst. Supervisor.
 Elizabeth H. Killigrew, Asst. Supervisor.

Dressmaking :

Helen R. Amy	Helen A. Jennings
Estella Bateman	Margaret Keavy
Blanche J. Baldwin	Gertrude Mather
Lucy E. Benson	Elizabeth McAvoy
Margaret Chadwick	Mary P. McCarthy
Nellie Cieurzo	Marie L. Motminy
Nora Deloney	Kathryn Mulligan
Annie A. Doyle	Mary Murphy
P. V. Dube	Margaret Neenan
Katherine D. Duffy	Ellen Paton
Nellie F. Dunn	Louise Perry
Elizabeth Emnis	Margaret Ricketson
Mary Evans	Eva Richards
Marion Frederick	Flora Stevenson
Alvira B. Gray	Mary Smith
Mary J. Hallaran	Anna E. Therien
Jessie L. Hathaway	Helena A. Whalen
Mary E. Hughes	Olga Zedilis

Millinery :

Sarah M. Ayer	Emily P. Maynard
Lillian M. Browning	Mary McFarlin
Mildred Chapman	Ida A. Messier
Ellen M. Creed	Olinda Perry
Hazelle Curtis	Blanche Seddon
Frances Coggeshall	Margaret Storin
Laura R. D'Anjon	Clara A. Taylor
Edith Duerden	Elizabeth P. Tessier
Anna Fahey	Mary Toomey
Helena M. Gleason	Marie A. Wall
Blanche LaBrie	Mary E. Yates
Evelyn Louro	

Cooking :

Gertrude Ames	Agnes Taber
Agnes Baldwin	Anna Wall
Angela Mullaney	Elizabeth Keyes

Home Nursing :

Mary C. Putnam	Dorothy L. Howland
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CALENDAR 1923.

TERMS.

Spring term begins Jan. 29, 1923; ends June 29, 1923.

Fall term begins Sept. 5, 1923; ends Jan. 25, 1924.

Spring term begins Jan. 28, 1924; ends June 27, 1924.

VACATIONS.

Mid-winter vacation, one week, beginning Feb. 19, 1923.

Spring vacation, one week, beginning April 16, 1923.

Summer vacation, nine weeks, beginning July 2, 1923.

Christmas vacation, one week, beginning December 24, 1923.

HOLIDAYS.

New Year's, January 1

Good Friday, March 30

Memorial Day, May 30

Columbus Day, October 12

From Wednesday noon before Thanksgiving the remainder of the week.

PER CENT OF STUDENTS ENTERING TRADE

Trained for during School Year 1921-1922.

Total No. of Boys	Left after 6 mos. or more	Entered Trade trained for	Per Cent entering trade
251	42	30	68

PER CENT OF GRADUATES ENTERING TRADE

Trained for during School Year 1921-1922.

Dept.	Number Graduates	Graduates in trade transfer	Per Cent
Electric	6	6	100
Machine	6	6	100
Carpenter	1	1	100
Power	1	1	100

NUMBER OF DIFFERENT DAY PUPILS

Handled from June, 1916 to 1922.

Year	No. Different Pupils
1916-1917	188
1917-1918	216
1918-1919	165
1919-1920	216
1920-1921	289
1921-1922	338

COMPARISON OF PUPILS.

	Day Pupils	Evening Pupils	Part time Pupils	Total
Attend. Dec. 1, 1921	260	2315	35	2610
Attend. Dec. 1, 1922	250	2485	35	2770

COMPARISON OF TEACHERS.

	Day	Evening	Part time	Total
December 1, 1921	27	84	4	115
December 1, 1922	32	98	2	132

EVENING SCHOOL — MEN

Season 1922-1923.

	Electric	Carpenter	Plumbing	Sheet Metal Drafting	Machine Drawing	Carpenter Drawing	Linotype	Automobile	Machine	Power	Total
Average Membership	53.3	38.8	33.9	8.1	10.8	10.3	9.7	56.5	43.2	63.8	328.4
Average Attendance	45.5	31.7	28.	7.6	10.3	8.3	8.5	50.	37.4	54.4	282.
Per Cent of Attendance	86.4	81.2	82.6	94.	95.	80.	87.7	88.5	86.5	85.2	86.6
Student Hours	4264	3104	5424	648	864	824	776	9040	6912	5104	36960
Total Enrollment	80	56	46	11	12	14	19	86	59	81	464

COST OF SCHOOL FROM DEC. 1, 1921,
TO NOV. 30, 1922.

Rent,	\$4,225.00
New Equipment,	4,993.28
Administration,	4,035.28
Instruction,	91,165.90
Auxiliary Agencies,	215.15
Operation of Plant,	13,729.99
Upkeep of Plant,	6,636.82
Total,	\$125,001.42
Cost to State,	\$44,746.09
Cost to City,	53,964.38
Income,	26,290.95
Total,	\$125,001.42

INCOME.

Tuition,	\$10,814.10*
Tuition, Federal,	4,925.71*
Smith Hughes,	5,178.06†
School Cash,	5,373.08*
	<hr/>
Total,	\$26,290.95

NOTE:—State returns to city $\frac{1}{2}$ of all expenditures after rent, new equipment and income have been deducted.

*This money is turned over to the City Treasurer.

†This money received from Federal Government and must apply to teacher's salaries.

MACHINE SHOP DEPARTMENT.

Day School.

This department has for its object the training of the boy so that he may enter the trade as a machinist, and to make a good and useful citizen. Those boys who satisfactorily complete the course are given a diploma. This diploma is a certification that the boy is capable of doing a day's work in a machine shop satisfactorily.

Boys on entering this department are given work on lathes and drill presses. They are taught the use of bench tools and have tool room service where they learn the names of the different kinds of tools and their uses. This teaches them the proper way of caring for tools.

First year work includes the following operations on lathes—rough and finish turning, turning to shoulders, arbor work, facing, parting, threading, filing, polishing, drilling, boring, reaming, the use of flat drills, taper turning, taper boring, taper reaming, centering, reading of drawings, etc.

Boys rated as second year boys work on milling machines where they are given real shop jobs together with some tool making such as—taps, reamers, counterbores and spiral cutters of different styles. Some of the operations in milling are:—surface, side, end, keyway, straddle, gang using several cutters, spiral boring reaming Vernier setups, angle-iron setups, vise work, cutting gears (spur and bevel), cutting racks, using slotting attachment angle work, dove-tails.

Third year rated pupils are advanced to planers and shapers. Here the boys are given castings to lay out and machine to a drawing and are given the different operations that can be done on these machines beginning with the simplest and working up to the more difficult. They are taught grinding of tools to give the correct finish and are also given the different setups. The last half of the third year they are given the grinding machines to work on. This work includes the grinding of all types of milling cutters, shafts (straight and tapered), internal grinding of all descriptions. In the grinding work boys are kept on close limits. They are also given the simple welding, and brazing with acetylene and forging work.

Fourth year pupils are given the most difficult of problems to work out in connection with their work. These boys are given a job and are told to carry it right through the various

operations until finished. They must also plan their work. Hardening and treating of steel is taken up at this time. Fourth year boys are given practical problems in mathematics by the department Head.

All through the course the boys are given one lesson period a week on trade science when the problems they are likely to need are taken up by an instructor.

The department is organized under real shop conditions. The boy is trained on real jobs, not an exercise is used. Among the jobs now going through the shop are six No. 3 New Bedford grinders, four 18" wood turning lathes, twelve bench drills—this last named is one of the new machines we are putting on the market for the first time—twelve 4½" bench vises; besides these machines we are doing some outside work such as small studs, bolts, rolls and gears. These last named gives us a chance to do a lot of drill or repetition work, which is very necessary to the training of the boy.

Along with this work the boy receives a good education in mechanical drawing, shop mathematics, trade science, English and civics. The course is laid out as a four year course but this does not mean that the boy must stay four years to get a diploma. As the instruction is for the most part individual a boy goes as fast as he satisfactorily completes each unit.

The work is not heavy or injurious to the boy's health. We encourage all boys to take part in the school activities, believing that all work and no play makes old boys.

During the year we have put in some new lathes to take the place of the old worn out ones. We have a few more of these that we hope to replace this year with new ones.

AUTOMOBILE COURSE.

A Course in automobile repair and maintenance has been added to the list of trades the school is now teaching. This course is conducted under the same organization as the machine shop. The course has proven very popular and we had to establish a waiting list owing to lack of room. The boys that were placed on the waiting list were given an opportunity to enter the machine shop if they so desired until an opening is made in the automobile department. This does not interfere with their automobile course. In fact it is a good thing for them because they get their machine shop practice all at one time, instead of spending one half day a week in the shop, as they must do if they start directly in the automobile shop.

The course is laid as a four years' course, but this does not necessarily mean that a boy need stay four years to get a diploma as the instruction is all individual; the boy progresses as fast as he satisfactorily completes his work.

For units of the course, the types of cars are taken; the Ford car is used for instruction the first part of the work, then the Chevrolet. After these two types have been completed the larger size "fours" are studied, then eights and twelves are given in their order. Along with this work is taken up the study of *carburetion* and ignition, starting with the simpler type and progressing systematically to the more complex. During the year we endeavor to send the boys out into a first class garage so that they may become familiar with real garage conditions.

This course presents a wonderful opportunity for a boy to learn the automobile trade. How many garages would allow a boy of 15 or 16 years to overhaul a car, and where is the foreman that has time to give individual instruction?

The boys work on a car that really has to be repaired not one that is taken down and then put together again simply to let them see the insides. Every car that is overhauled is sent out with a guarantee that the work is first class.

During the year we have had the co-operation of a number of the garages and dealers.

Due to the lack of space the number of students is limited to 16.

Evening School.

The machine shop course appeals to men in the machine shops who are ambitious to rise higher in the trade. Men who are classed as lathe hands attend the school for training on millers, planers or some other machine they wish to learn to operate. It is very gratifying to know that a number of these men come back term after term, taking up new work or completing their unfinished work.

This course is laid out on unit basis, each unit representing one type of a machine. An applicant for training chooses his own unit and is given work that he needs or desires. Employers could obtain valuable information by calling up the school when in need of an operator. A man that is ambitious enough to attend an evening school is a good man to have in the shop.

A record is kept of the kind of work the man does, the quality, and his attendance.

The instruction is all individual and the student progresses as fast as he absorbs the instructions given.

EVENING AUTOMOBILE COURSE.

This course is proving a success under our method of instruction. It is divided into four units—the Motor, Chassis, Ignition and Carburetor. The time spent in each unit is 20 weeks, the classes meeting twice a week for two hours at a time, making in all 80 hours. It is obvious that we cannot make automobile mechanics in that length of time, so the course is intended only to give men in the automobile trade a chance to study the automobile under the direction of practical instructors. The school has been very fortunate in obtaining the services of men high in the trade. It is with great satisfaction that we note that the men after completing one unit return the following term to take up another.

There has been added to the course a special class called the Ford Class. In this class the students work only on Ford cars, taking down the whole car.

We overhaul the cars of the citizens who can spare their cars for 20 weeks, asking them to pay for the new parts put in.

Speed and up-to-date methods are the watchwords of this class. The Ford service bulletins are used as a basis of instruction.

ELECTRICAL DEPARTMENT.

Day School.

It is the aim of the department to build a thorough foundation in the fundamental principle of applied electricity, that the student may, with a much better chance of success adapt himself to some part of the electrical trade and with a far better advantage than the boy who just learns a trade.

The students in this department receive a thorough course in all kinds of electrical construction in differently constructed buildings, such as knob and tube, cleat, wood and metal moulding, B. X. and conduit, single and double pole, 3 way, 4 way, electrolier, and remote control switches, meters, bells, annunciators and telephones.

They are also taught where and when each different type of construction should be used.

The student also receives motor and generator work covering construction, care, testing and installation.

Instruction on batteries, auto-ignition, and switchboard is given. The student has a thorough course in Code Rules as regulated by the National Fire Underwriters.

Besides the regular mathematics as given in the Related Department a thorough course in magnetism, direct current and alternating current mathematics is given. Courses in D. C. and A. C. machinery are also given. All mathematics, drawing and English is given in the Related Department.

All construction work is done from shop sketches or finished drawings made by the students. The boy who makes the drawings does not necessarily put up the work. This gives other students experience in reading drawings other than his own.

The only outside work done by the department is for the different city departments.

Work done by the students must not only be electrically well done but mechanically also. If the work is not satisfactory the student must continue until defects are corrected. A record is kept of each student showing kind, amount, and quality of work done. This record is on file and employers of students from this department are invited to consult it before hiring them.

We build all our lighting panels used in this school. At present we have one 10 circuit panel and 2 twenty-four circuit panels under construction. We have under construction 1

twelve station central and 1 seven station interphone system. The school is equipped with a first class set of modern electrical instruments for both A. C. and D. C. machinery. As fast as possible A. C. and D. C. machinery is being added to the equipment.

The following work is being done at present in the school; all the obsolete electrical construction is being replaced with conduit or its equal. Feeds for 13 K. W. D. C. generator, feeds for main switchboard, overhead feeds for administration and girls' building. In the generator pit at present one 20 H. P. 3 phase motor drives a shaft which in turn drives two 13 K. W. generators. The students are changing this to individual drive, each generator to have a motor of sufficient power to drive the generator at its full load capacity. Not only are the students doing the electrical work of this change-over but the mechanical as well which include making two reinforced concrete bases for the new motors.

Following are some of the jobs completed or under construction during the term of 1922-1923 for New Bedford schools:—Dunbar School—3 No. 8 wire service, meter loop, and ground wire, two outlets second floor for dental clinic.

Benjamin School—No. 8 3 wire service meter loop and ground wire, 2 outlets second floor for dental clinic, 8 outlets in basement for girls and boys wash rooms.

Cedar St. School—3 No. 8 wire service meter loop, and ground wire, two outlets second floor for dental clinic. All work done in conduit construction.

Acushnet Ave. School—Complete service of 3 No. 6 wires, 46 lighting outlets in basement, 9 S. P. switch outlets in basement, 5 classrooms on first floor, 5 classrooms on second floor; each room has 4 ceiling outlets and one switch; 2 outlets on 1st floor for dental clinic, each corridor 8 outlets controlled by switches, each stairway (of which there are 4) has a light controlled by 3 ways up and down. Total number of light outlets—106, total number of switch outlets—30, 3-10 circuit lighting panels. All electrical construction above basement in B. X. and basement done in conduit.

Evening School.

We have classes of evening instruction consisting of two in house wiring, one in Code Rules, one in winding A. C. machines, and one in electrical machinery.

House wiring begins with elementary work such as bells, annunciators simple lighting circuits, electrical stock and

fittings, and advances as fast to more difficult work as his allotted time and capacity will allow.

The code rule class study laws governing electrical construction. The object of the class is to prepare the student to pass the State Examination for a journeyman's license.

In the electrical machinery class practical care, tests and calculations are carried on, wiring of storage batteries, A. C. and D. C. generators and motors, rheostats, controllers, transformers, and measuring instruments are studied.

Each student in the A. C. motor winding class is provided with a stator for which he calculates the amount and size of wire necessary to produce the rated horsepower, lays out the form for the coils, winds the coils, and inserts them in the slots. After the stator has been wound it is given a complete test for shorts, opens, grounds, reverse coils, etc.

This course gives one an opportunity to become familiar with the electrical and mechanical construction of the alternating current motor.

POWER DEPARTMENT

Day School

The object of this department is to train the boy so that he is familiar with the different types of apparatus used in a boiler room.

The instruction also prepares a boy to take the State examination for second class fireman.

On entering this department a boy is made assistant fireman. He is taught to make and keep a good fire, weigh and make a record of the amount of coal burned, ashes taken out, and volume of water evaporated. He learns to handle injectors, pumps, traps, and other necessary fire room apparatus, and to be accurate and reliable in his work. Thorough instruction in installing steam, gas and water pipes is also given in this department. Each boy is properly prepared for all the duties of assistant fireman before the close of the second year.

The equipment of this department is divided into two groups; one group in operation and used for instruction, the other group used for instruction purposes only.

The first group comprises a 90 H. P. vertical fire tube boiler, a 55 H. P. locomotive, with all the apparatus that boilers of these types have, a 15 K. W. Ideal direct connected unit, together with valves, traps, gauges, regulators, and so forth.

The second group, which is used for instruction purposes only, comprises a 15 H. P. vertical fire tube boiler, a 35 H. P. Watts-Campbell Corliss engine, two small upright engines used to teach slide valve setting, and pumps, valves, and so forth.

Complete apparatus for testing flue gases, coal and oil has been added to the instruction equipment of this department.

Evening School

The work in this department is divided into four groups, each group taking care of different licenses. On enrolling in this department, the student tells what kind of work he is doing during the day and license held. From this information he is placed in a group from which he will derive the greatest benefit. The instruction in the different groups is carried on by means of questions and answers, supplemented by talks and explanations, by the instructor. These questions are taken from practical work and deal with practical problems, and are revised from time to time, to meet the changing requirements and regulations.

The students are invited to bring in for discussion problems that they meet during the day. This department is equipped with apparatus that has been sectioned, so that the internal workings of the machine may be readily studied by the student. For men who work nights, morning classes are conducted.

A course in Boiler Room Chemistry was given this season with very good results.

Plumbing

This course is for men employed during the day in the plumbing industry and is divided into two units, one for helpers and one for journeymen.

The helpers course is laid out so as to benefit beginners and others in the trade who have not received their State licenses. Part of the student's time is spent learning how to make the necessary trade sketches and answering questions, while the remainder is spent on practical work.

The advanced course deals with the more difficult operations of the trade, as well as the method of laying out work and figuring jobs.

Due to the large enrollment this last season it was necessary to run these classes four nights a week.

DEPARTMENT OF RELATED WORK

Day School

This department teaches the technical subjects related to the several trades. These subjects are laid out in such a way as to be closely tied up with their work in the shop. Individual instruction is given as far as practicable, as this method has been found by experience to produce the best results. This may be better understood when it is known that the previous education of our students may have stopped anywhere from the seventh up through the High School grades. Each instructor in this department is a journeyman in the trade whose related subjects he teaches.

Each trade requires different methods of applying all the well known principles, and this department teaches each student in each department that particular application that fits his special trade. Generalities in teaching related subjects such as mathematics, drawing, English, and so forth, are not productive of results, and for that reason we have special application of mathematics, drawing, and other kindred subjects, for the student in the Machine Department, special application of these studies for the student in the Electrical Department, in the Steam Department, and in the Carpentry Department.

The work in this department brings to the attention of the student the necessity of having a certain amount of specialized head work, to make him a more skillful worker with his hands.

Practical mathematics, beginning with the simplest form of fractions, and gradually working up to algebra and trigonometry as applied to shop work and shop problems, with a comprehensive course in formula work, shop mechanics, and strength of materials, comprises the work in this subject. The students in the Electrical Department are given direct and alternating current mathematics, together with the regular work.

The main object in the drawing course is not to make drafts men, but to have the student realize a familiarity with the making and reading of drawings and blue-prints, a very necessary adjunct to his trade. We believe that the only way to teach a boy to read blue-prints correctly and easily, in the short time we have to train him, is to give him a good working knowledge of how shop drawings and blue-prints are made. With some of the advanced students, elementary work in designing is taken up, and some excellent drawings result.

English and civics hold an important place in the list of studies. The policy of the department tends toward furnishing the good tradesmen with a sufficient command of English to help when any chance of promotion in their trade offers itself. A good citizen is also of vital importance to the community, and our civics classes are carried on with that ideal as a goal.

MATHEMATICS

First year work is started in the elementary processes, as it has been found by careful observation that the student usually lacks the ability to apply them to his job. Fractions, decimals, ratio and proportion, square root, percentage, board measure, taper turning, and screw cutting, are taught in the first year classes.

Second year work consists of formula work, mensuration, shop geometry, metric system and special direct current mathematics for the electricians, and elementary algebra.

Third year work takes up elementary trigonometry, advanced algebra, roof framing, stair building, applied steam mathematics, and special alternating current mathematics for the electricians.

In the fourth year a general review is given, also courses in applied shop algebra, shop trigonometry, and strength of materials.

DRAWING

First year drawing consists of lettering, free hand sketching, blue-printing, and a complete study of projection. Special emphasis is laid on neatness during this year.

In the second year applied work in third angle projection is taken up, special attention being given to rough drafting and its relation to the finished drawing. After the foundation has been laid, each student branches out into the special drawing for his trade.

Third and fourth year students do all the finished drawings for the school, and take up advanced work in mechanical movements, gears, cams, and so forth.

A new machine, the New Bedford Bench Miller, has been designed this year.

ENGLISH

The first year consists of fundamental rules regarding grammar, correct usage, development of expression of thought, and shop report work.

The second year is devoted to the different forms of discourse with emphasis on debating. A course in letter writing

and applied, technical report work is also started during this year.

The work of the third and fourth year is given over to the application of what has already been learned. The chief aim of the course is to awaken an interest in the correct use of English, in order to make the student able to acquit himself creditably, either in written or oral work.

CIVICS

A complete course in Civics is given. "Observation, analysis and inference" are the essentials of the pedagogical methods adopted in this course. Local, state and national organization are constantly emphasized throughout, in such a way that not only is the relation of the citizen to each of them made vivid, but also the relation of the three divisions of government (legislative, executive and judicial) to each other are brought out with all distinctness. The chief aim of the course is to train the pupil for a better citizenship, to make him observant, analytical, and to educate him to think for himself in political matters.

TRADE SCIENCE

The science of each trade is taught in the different departments as the student progresses in that department. This work covers the origin, uses, and so forth of all materials used in their respective trades. The best methods of performing operations and standards that govern the work in each trade are also taken up.

By teaching the student the science of his trade, he becomes better fitted for efficient work earlier in his shop experience.

HYGIENE.

Due to the large enrollment and the small yard it was necessary to discontinue for the time being the daily setting up exercises. In place of these exercises department basketball teams were formed and a schedule of games run off. The electrical department proved to have the best team.

For the second time in as many years the school basketball team won the championship of Bristol County.

Evening School

Evening classes for 1922-1923 were held in this department for Machine and Carpenter Drawing and Sheet Metal Drafting.

An evening course in Linotype operation was started this season with excellent results. Provided that more linotypes be obtained, it is planned to have two classes in operation this coming season.

The evening drawing classes are intended to help men already in the trade to become proficient in making readable shop sketches, and to teach them to read blue prints. To this end a certain amount of machine drawing is introduced, that in making a finished drawing, they may also read one.

Elementary and advanced mathematics are taught to tradesmen, who have found that their work called for the use of figures with which they were not familiar. These classes have been very successful.

Classes in advanced work in any of the above studies may be formed if sufficient number of journeymen apply.

CARPENTRY DEPARTMENT

Day School

The object of this department is to give the boys a good training in all branches of the carpenter trade.

The students are given shop talks by the instructors, teaching them the name and use of the various tools and how to sharpen and take proper care of them.

They are taught to know the different kinds of wood used, and why different kinds are used for different purposes. They are shown how a house is framed together, how and why different kinds of joints are used in different places, and the proportions of the frame to get the most strength and use the least lumber, how it is put together to have the least trouble from shrinking wood and opening of the joints.

How to board in, shingle and clapboard a house, and the various kinds of material used, how and why it is necessary to use flashing in valleys, around chimney, and various other places to make a house tight, and the different kinds of material used.

The various kinds of material for covering the outside of a house, also the outside finish for a house. The inside finish is described, and the best way to put it together is shown.

They are taught to lay out various kinds of work from a plan, also to lay out a pole or rod for various kinds of work. The first year boys are given simple work to teach them the use of the tools. As fast as they are able to use the tools they are given the better work to do, they are usually able to lay floors set partitions, put up sheathing and upson board, make simple cabinets, boxes, etc., and to help other students in more advanced work.

Second year boys are given more advanced work, putting up inside and outside finish, hanging and trimming doors, making lockers, cabinets, cases of drawers, etc. As fast as they seem reliable they are given work on the machines, are taught to lay out simple jobs from a plan, and are taught to make plans of simple work.

Third year boys are given still more advanced work. They are expected to be able to keep another boy at work with them. They are expected to make mitre joints, intersect mouldings, etc., make hard wood cabinets, chests, bookcases etc. The boy is given a problem to draw a house, also the first two problems

in roof framing, to figure the lengths of rafters and to lay them out and build the model of a roof to a scale. He is also given a problem to build a model of a flight of back stairs.

The fourth year boy makes plans of his work and lays it out and finishes his course in stair building and roof framing.

The equipment of the department is thoroughly modern and consists of a moulding machine, surface planer, buzz planer, hollow chisel mortiser, double head and cope tenoning machine, spindle shaper, band saw, swing and speed lathes.

Evening School

Two courses were conducted in this department during last season, one in general carpentry work and one in roof framing. The membership and attendance of both classes was better than in past seasons.

The course in general carpentry covered the use of tools and simple cabinet making.

The roof framing course followed along the lines of other years, the men being instructed how to figure the length and bevels of rafters, the use of the steel square, and how to read plans.

HOUSEHOLD ART DEPARTMENT.

The courses given in the Household Arts Department are essentially for training in homemaking, but it is also the aim to give the girls some foundation for managerial work, such as tea room work, managing housekeepers' work, running a home bakery, or doing work in millinery and sewing for private parties or in stores.

Cooking

The aim of the cooking course is to teach the principles of cookery and the practical application which may be worked out in the girl's home as well as in the school kitchen.

Since all of the food prepared is served at the noon-day luncheon at school, the girls exercise great care, thereby developing self-confidence and a keen sense of responsibility.

Groups of first year girls prepare the students' luncheon which is served on trays, cafeteria style, every day. This luncheon is sold for from fifteen to twenty-five cents, depending on the amount of servings. About fifty trays are prepared each day.

A thorough study of foods and food values is taken up during the first two years.

The second year cookery course consists of the preparation of the teachers' luncheon every day.

These luncheons are planned very much the same as the girl would plan a meal in her own home, only, of course, larger quantities have to be prepared since twenty-five teachers are served every day.

The teachers pay a certain price and the girls have the problem of planning a luncheon which can be served for that price. They do the marketing and keep the accounts for this meal.

In order that each girl may have the individual responsibility of planning, preparing and serving a meal alone, she is required to serve a luncheon for three consecutive days to any four members of the faculty whom she chooses to invite. These teachers pay as usual, and the girl in charge plans the meal with that amount of money to spend.

The first day she has another girl to help serve the meal. The second day she both prepares and serves, and the third day she prepares, serves and is hostess at the table with the four teachers.

On this third day she may invite one of her classmates as guest at her table if she chooses.

This work is done almost without supervision and has done a great deal toward developing self-confidence in the girl.

During the third and fourth years, the girls are given some practice in more elaborate cookery. While we do not encourage this cookery in the homes, it is necessary for the girls to know something about it, in case they may be called upon to do it or supervise it.

Some time is also given to tea-room management, suggestions as to equipment, service and business methods.

There is also a course in comparison and experimental cookery which brings more forcefully to the mind of the pupils the distinct connection between science and the kitchen.

Sewing

During the first year the girls are taught the use and care of a sewing machine and its attachments, and the use of paper patterns. The girls are also taught to measure each other for the patterns and to cut and make the following garments:

Sewing apron

hand made, including the principles of putting on

band, buttonholes, hemming by hand, and oversewing.

Cooking uniform

Laundry apron.

Gym bloomers (sateen or serge).

Nightgown.

Slip.

One piece cotton dress.

Cotton bloomers.

Five piece petticoat, French seam, all hand hemmed.

Choice of either slip or nightgown.

Cotton blouse.

Dress—choice of material in cotton or skirt may be wool if desired.

2nd year.

1 pc. hand made underwear.

Cotton dress.

Woolen dress or woolen skirt and blouse.

Man's shirt.

Hand made waist.

Sport skirt.

Renovated problem.

Second dress.

3rd year.

1 pc. hand made underwear.
Cotton dress.
Woolen dress.
Renovated problem.
Silk dress.
Sport skirt.
Hand made blouse.
2nd renovated problem.
Cotton dress.

4th year.

Cotton dress.
Silk dress.
Woolen dress.
Kimona and boudoir cap.
Sport skirt.
Renovated problem.
Graduation underwear.
Class day dress.

In the second year the use of power sewing machines and attachments is taught.

The renovated problems or remodelling of old garments brings out certain principles that the girls would not otherwise get, and is an important feature of the dress making course.

Hand work, including smocking, hemstitching, and embroidery is emphasized in third and fourth year classes.

The third and fourth year girls after completing required work may make a suit or coat.

There is also a course in mending and darning which every girl is required to take.

Closely associated with the sewing course is the study of textiles. This includes the history and manufacture of different clothing materials, such as cotton, silk and wool, a knowledge of which enables the girls to select and buy cloth intelligently and economically.

Millinery.

First Year :

Theory :

History of millinery.
Advantages of a milliner.
Study of frames.
Fitting the head.

Practical work :

Renovation of winter hats, frames, and materials.

Making velvets hats and trimmings.

Renovation of spring hats.

Making straw hats and trimmings, including ribbon and crepe facings.

Second Year :

The same course is followed as in the first year, but more advanced work is done. Hats of fabric, satin and fur are made; also the renovation of fur muffs, and neck pieces is taught.

After completing a two year course in millinery, the girl is fully equipped to go out as a milliner's assistant and after two season's experience in the store she should qualify as a milliner.

Design

The work done in the design classes consists of studying and applying the fundamental principles of art to every day life. This course correlates with the work done in the dress-making, millinery and domestic science classes and seeks to cultivate good taste and appreciation of beauty, whether the problem be the designing of a dress, the remodelling of a hat or the furnishing of a room.

Household Management

This course includes the theory and practice of every process connected with housework. Planning and construction of houses are studied, much attention being given to the kitchen and kitchen equipment. This enables a girl to plan her own home successfully, keeping in mind the saving of money, time and energy.

A part of the time during the second year is given to the planning and keeping the personal budget and after that, the family budget.

Household Science

The purpose of this course is to lay a foundation for an intelligent and economic care of the home. It includes a study of the various principles and laws of physics and their applications to the facilities and conveniences of the modern household.

The physics of the kitchen range, heating and ventilating systems, simple machines, thermometers, refrigeration, lamps, etc., are considered. It also includes the study of water supply,

plumbing, and disposal of sewage. A study of the common elements is made as a foundation for the study of foods and of chemical changes that occur in the everyday experience of the home maker. A brief study is made of bacteria, yeasts and molds in order that the student may understand the precaution in procuring food from the market; the care to be taken in preparing and preserving foods in the home and the value of certain organisms in ripening and giving flavor to foods.

Home Nursing and Hygiene.

The aim of this course is to teach the girl to keep her body in the most healthful condition, and to give some knowledge of the care and comfort of the sick in the home.

The room in which this work is given is equipped like a home bedroom.

Making the bed with the patient in it, bathing and moving the patient are some of the points emphasized, a large hospital doll being used for the practice work.

Much attention is given to the care of children, bathing, dressing, etc. For the practice there is a one year old size hospital doll.

Some work in bandaging and first aid is also included in this course.

The four year course which is open to all girls who are grammar school graduates prepares them to enter Framingham Normal School for the special Household Arts Course which is conducted there. After completing three years at Framingham, the girls are fitted to teach in Household Arts Schools. Any girl who has had two years at the High School may, with two years at the Vocational School, be fitted to enter this course at Framingham.

This year, girls from our second year class are assisting in some of the work done at the Y. W. C. A. as teachers of sewing and millinery to classes of younger girls.

Also the second and third year girls are continuing the work as teachers of cooking classes of children at the City Mission. This is excellent experience for them and at the same time they are rendering a valuable community service.

English

The course in English includes a careful study on many standard English works—both prose and poetry—and a brief survey of some of the best modern writing. Oral English is

emphasized, much time being spent on discussion of the literature studied by the girls.

Only such written work as is of practical value is given, such as the writing of business and friendly letters. Here opportunity for thorough drill in grammar, punctuation and sentence construction is offered.

The course also includes a study of the drama, from the Shakespearian to the modern play as well as practice in staging, costuming and producing plays.

The aim of the course is the cultivation of better speech and the appreciation of the best in English literature.

Civics

The first year classes in civics take up the study of city conditions in general and New Bedford in particular. The history of the city is studied and later girls are led to think of the modern problems which present themselves. Discussion is encouraged and suggestions for betterment are brought forward and talked over.

The second year girls continue along these lines, noting the growth of the cities and discussing the causes. Particularly do they notice that through co-operation and community spirit many changes for the good have been brought about—in fact that the helpful spirit is necessary in everything, successful school life as well.

The third and fourth year girls turn their attention more particularly to the various stages and growth of our government—town, state and national.

Home Project Work

The Home Project Work which is carried on in connection with this department has added both interest and enthusiasm to the carrying over into the home the principles and processes taught at school.

Each girl remains at home one half day each week, at which time the teacher having charge of this work may visit the home and supervise the cutting of a garment, the preparation of a meal or general housework, whichever one has been chosen for the girl's special duty. All the projects are assigned after a conference with the girl's mother as to what the needs of the home are for that particular day. Each teacher supervises her own projects.

Many of our girls do work at home other than that assigned

by the teacher. The record of this is kept by the pupil, signed by the mother and sent to the school, where credit is given the girl for the work.

The aim of the Home Project Work is to develop initiative in her own home problems on the part of the pupil and to encourage co-operation on the part of the parent.

Physical Training

The object of the Physical Training Department is to teach control of bodily movements, improve the functional activity of the body and counteract and correct tendencies to abnormal development, especially those resulting from daily habits, by means of a proper selection of exercises, dances and games.

The principles of the Swedish System are closely followed in the exercises, each exercise having a definite aim and effect. A part of each lesson is devoted to these exercises. Attention is given cases needing special corrective exercises for extreme postural defects.

Military marching and tactics are included in each lesson, developing the power of concentration and instant response to command. Folk dances are given to develop grace and ease. Games developing fairness of play, good judgment and team work are also included in the course.

Good health and strength are essential to happiness. With this in view, the course in physical training is planned.

Evening Practical Art Department

In this department the enrollment has increased somewhat during the past year, the total registrants number about two thousand and one hundred pupils. These are distributed among one hundred and forty classes, for which sixty-eight teachers are employed.

Free instruction is given in four lines of work: dressmaking, millinery, cookery and home nursing. These courses are open to all women who are sixteen years of age or over. The expense of these courses is borne jointly by the city and state. The pupils in the sewing and millinery classes bring their own materials, while the cost of the raw materials in the cookery class is divided among the pupils. A registration fee of one dollar is charged and is returned at the end of the course to those who have attended eighty per cent of lessons.

Regular outlines of work, approved by the state, are followed in all courses except the home nursing which uses the Red Cross outline.

There has been a decided increase in the number of afternoon classes, which leaves more room and time for those who can come only in the evening. The afternoon classes meet only one afternoon a week. The state considers that one afternoon of three and one-half consecutive hours is equivalent to the four hours of evening work which is divided into two hour periods. Each class continues for twenty weeks, making a total of eighty hours for the evening work and seventy for the afternoon classes.

One class in dressmaking is held two forenoons a week at the Sassaquin Sanatorium. Many attractive garments are made in this course which is made up of miscellaneous projects to meet the individual needs of the pupils. Some of the work is for the Sanatorium such as hemming towels, napkins, kitchen aprons, etc.

Both dressmaking and millinery classes receive instruction in the use and care of sewing machines. Commercial patterns are used and alteration of these is taught in the class lessons. In addition to the regular work on new garments, a special unit has been introduced for renovation work. Work in the millinery classes includes both fall and spring work, renovation receiving a prominent part.

The cookery course starts with canning and preserving. Then the instruction is continued on the meal basis; a complete

breakfast, dinner and luncheon being served each night. Planning balanced menus and the serving of meals is included in the course. This year as an innovation two demonstrations were given on the use of the pressure cooker.

The home nursing course consists of bandaging, emergencies, care of the sick at home and the care and feeding of babies.

The exhibition was held as usual this year at the State Armory. It is regretted that this can last only one afternoon and one evening, but it is impossible to secure the Armory for two evenings in succession. The classes are held during the year in eighteen different buildings, located in various parts of the city. At exhibition time it was necessary to transport tables from nearly all of these buildings to the Armory, as about one hundred and thirty tables are needed to take care of the hats, blouses and underwear. In all about one thousand garments and five hundred hats are exhibited. The cookery classes have an attractive arrangement of bread, cakes, cookies, salads and candy; also an invalid's tray, and a dining table all set up with an appetizing meal are features of the exhibit.

A regular room is made by the use of screens for the home nursing classes. A hospital bed is included in the equipment. A year old size doll and an adult size doll are used in this work. At the exhibition during the evening continuous demonstrations of bed making, care of patient, bandaging, etc., are carried on.

To the thousands of people who view this exhibition it presents a pleasing appearance, but few realize the amount of work which is accomplished in a very short time. The work starts at nine o'clock the preceding night and in two hours the exhibit is ready except for the finishing touches. The sixty-eight teachers and the four supervisors, assisted by about six boys from the Vocational day school accomplish this big task in record time.

During the evening music is furnished by the High School Band. For nearly an hour living models parade on an especially arranged platform, displaying gowns, coats, and hats made in the classes. Several small children dressed in becoming frocks and hats add greatly to the appearance of this feature.

One hundred and twenty-three diplomas were presented to pupils who had completed three years' work in dressmaking, millinery or cooking. Twenty Red Cross Certificates were given to home nursing pupils signifying the completion of the prescribed course.

ANNUAL REPORT

OF THE

SUPERINTENDENT OF STREETS

OF THE

CITY OF NEW BEDFORD, MASS.

TO THE

CITY COUNCIL

FOR THE YEAR ENDING NOV. 30, 1922.



NEW BEDFORD, MASS.
A. E. COFFIN PRESS—PRINTERS
1923

Report of the Superintendent

To the Honorable Mayor and City Council,
New Bedford, Mass.

Gentlemen:

The Annual Report of the work of the Street Department including sewers, bridges and garbage collection for the year ending Nov. 30, 1922 is herewith submitted.

Respectfully,

HORACE BORDEN,
Superintendent.

NEW BEDFORD—1922

GENERAL STATISTICS

Population, assessors estimate 130,955.

Valuation, assessors estimate \$200,964,491.

Area, about 19.4 sq. miles.

Accepted streets, 202.95 miles.

Bridges—New Bedford and Fairhaven Bridge, 70 feet wide and 9/10 mile long; 4/5 maintained by New Bedford. Slocum street bridge, 1/2 maintained by New Bedford. Coggeshall Street bridge 3/4 maintained by New Bedford.

11.91 miles granite block pavement, area, 190,708.2 sq. yds.

.82 miles wood block pavement, area, 21,511 sq. yds.

0.02 miles asphalt block pavement, area, 273 sq. yds.

0.34 miles brick pavement, area, 12,128 sq. yds.

(New Bedford and Fairhaven Bridge)

40,322 miles bitulithic and similar pavement,
area, 686,173.2 sq. yds.

39,456 miles bituminous macadam pavement,
area, 500,936 sq. yds.

58,617 miles water bound macadam pavement,
area, 707,494 sq. yds.

0.732 miles cobble pavement, area, 7,427.2 sq. yds.

Concrete paving in alleys and track
spaces, area, 14,520 sq. yds.

168.252 miles stone curbing,

45.906 miles granolithic walks, area 198,744.1 sq. yds.

31.575 miles tar concrete walks, area 135,668.3 sq. yds.

28.583 miles flag walks, area, 83,149.1 sq. yds.

SEWERS

161.66 miles of sewers.

Cost of sewer system to date (including intercepter)
\$4,348,662.06.

1962 catch basins.

911 eye-holes and inlets.

APPROPRIATION AND EXPENDITURES

Year 1922.

		Appropriation	Net Expenditures
Highways and Streets		\$515,000.00	512,293.41
*Highway Improvement		767,944.50	762,181.21
*Macadam Loan		230,008.03	229,911.53
Sewers and Drains		55,000.00	54,236.86
Bridges		40,000.00	31,119.40
Garbage Collection		62,000.00	61,979.14
*Catch Basins	\$ 27,282.74		26,536.61
*Sewer Construction	260,931.44	288,214.18	190,450.82
		<hr/>	<hr/>
		\$1,958,166.71	\$1,868,708.98

*Includes balance from 1921.

Highways and Streets Accounts

RECAPITULATION—HIGHWAYS AND STREETS.

GROSS EXPENDITURES.

Ashing	\$96,617.13	
Levelling Dump	23,358.28	\$119,975.41
Accident		10,463.26
Automobiles		11,251.46
Trucks, Tractors		27,271.58
Garage		23,297.57
Building Repairs		2,295.08

Repairs to:

Fences	\$ 192.74	
Crosswalks	79.81	
Curbing, relaid	5,651.98	
Concrete repaired	4,469.51	
Dirt roads	2,228.43	
Driveways	3,027.16	
Filling holes and washouts	15,318.62	
Flag sidewalks	3,485.20	
Granolithic walks repaired	824.72	
Gutters repaired	9,540.13	
Macadam repaired and new, waterbound	35,522.46	
Bitulithic pavement, repaired	3,027.55	
Macadam repaired and new, penetration	20,439.74	
Seal coating macadam	46,505.76	
Cobble and block paving	4,659.90	
Wood block paving, repairs	274.59	
Filling and grading	1,307.43	
Miscellaneous	5,256.64	
	<hr/>	\$161,812.37

Equipment

1 Economy snow remover	178.12
1 Fordson tractor	1,284.00
1 Lincoln sedan	6,500.00
1 2-Ton White truck	4,300.00
1 1½ Ton Federal truck	2,580.00
1 Ford runabout	573.00
1 Ford touring car	603.00
1 5-Ton Garford truck	6,090.00
1 Express body truck	125.00

STREET DEPARTMENT

9

GROSS EXPENDITURES -Continued

1 Barnes quadruple pump	1,080.00	
Filing cases	193.00	
1 Ford runabout	573.00	
1 Evinrude pump	129.25	
2 pair horses	1,150.00	
	<hr/>	25,358.37
Heating Plant		1,484.31
Lighting		184.89
Pension		2,277.98
Street signs		4,294.53
Removing snow and ice		9,018.44
Main office and salaries, City yard office		27,200.34
Walks, cinder and gravel		60,527.06
Street Cleaning:—		
Hand broom sweeping	\$91,680.69	
Machine sweeping, (Elgin sweeper)	3,295.46	
Gutter cleaning	39,869.01	
Pick-up truck	2,273.68	
Ford runabout	647.87	
	<hr/>	137,766.71
Tools, new and repaired		15,177.75
Walls, retaining		183.00
Repairs to road machinery		9,883.52
Insurance		206.90
Traffic regulation (signs)		1,528.56
Stable alterations		1,442.55
Grading municipal lot—auto parking		540.23
Charges:		
Labor and stock for other departments and sundry parties		163,963.90

CR.

Appropriations	\$515,000.00
Receipts	305,112.36
	<hr/>
	\$820,112.36
Expended	817,405.77
	<hr/>
Balance	\$ 2,706.59

STREETS DISCONTINUED

From	Street	To	Date	Width in Ft.	Length in Ft.
Howland Terrace	139.74 s. Cherry	s. 86.57	June 8	37	86.57

Total86.57

Total increase for year 16,462.21 ft.—3.118 miles

WIDENING AND ALTERATION OF LINES — 1922.

Street	Location	Date	
Pearl Rockdale Ave. Spring Union Union	Acush. Ave. to R.R. property Kempton to Hillman Acush. Ave. to Pleasant Seventh to Eighth Eighth to County	June 23, 1922. June 23, 1922. May 14, 1922. Dec. 29, 1922. June 26, 1922.	Widened 8 ft. on s. s. Widened 20 ft. on w. s. Widened 10 ft. on s. s. Widened 14 ft. on s. s. Widened 14 ft. on s. s.

CHANGE OF GRADE

Street	Location	Date
Duncan	Acush. Ave. to Kearsarge	April 28, 1922.

NAMES OF STREETS CHANGED..

New Name	Location	Old Name	Date
Potter	Shawmut Ave. to Rockdale	Grand	Mar. 24, 1922.

NAMES ADOPTED

Name	Location	Date
Walter Goulart Square Taylor Square	Intersection of Rivet and Bolton Intersection of Princeton and Acush. Ave.	Sept. 14, 1922. Nov. 22, 1922.

STREET LAID OUT AND ACCEPTED IN 1922

Street	From	To	Date	Width in ft.	Length in ft.
Bedford	Waverly	Page	Aug. 31	40	614.7
Bliss	Brook Ave	Bolton	May 26	50	132.
Brighman	Sylvia	Wood	Dec. 18	45	286.75
Brook	Shaw	Irvington	Jan. 27	50	489.06
Carroll	Rockdale Ave.	Whittier	Sept. 29	50	486.68
Chatham	Dawson	Tarkilm Hill Road	Aug. 31	50	353.61
Commonwealth	Kempton	Fairmont	Sept. 29	50	1,161.95
Dutton	Hleywood	Wildwood	Jan. 27	50	543.86
Francis	Court	Kempton	June 9	40	988.82
Harwich	Felton	Somerset	Aug. 31	50	1,236.78
Kenmore	Acushnet Ave.	Pine Grove Cem'ty	Mar. 24	45	576.58
Langlois	Acushnet Ave.	Easterly	Apr. 28	50	322.57
Lloyd	Acushnet Ave.	City Line	Apr. 14	40	222.19
Orleans	Herson	Tarkilm Hill Road	Aug. 31	50	976.96
Osborn	Bolton	City Line	Aug. 30	50	625.62
Park Drive	Acushnet Ave.	Ashley Blvd.	Mar. 10	22	2,566.52
Pearl	259.01 ft. E.	E. 5.29	June 23	48	5.29
Rochambeau	Acushnet Ave.	Park Ave.	Jan. 26	50	841.88
Somerset	Brooklawn Ave.	Herson	Jan. 13	40	211.87
Somerset	Wood	Tarkilm Hill Road	Aug. 31	50	946.61
Stetson	Herson	Moreland Ter.	Nov. 25	50	508.13
Tisbury	Bedford	Tarkilm Hill Road	Aug. 31	50	339.83
Vernon	Dawson	Tarkilm Hill Road	Jan. 27	40	234.15
Victoria	Wood	Herson	Mar. 10	50	1,813.39
	Ashley Blvd.	Church			
Total Length.....					16,548.78

TEAMING AND TRUCKING ACCOUNT

Teaming	Labor	Supplies	Total
Expenses	\$22,803.61	\$3,535.91	\$26,339.52
Repair of Carts	2,307.82	302.65	2,610.47
Stable expenses	7,018.50	537.02	7,555.52
			<u> </u> \$36,505.51

Stock Account—Nov. 30, 1921..... \$15,061.87

Stock Account—Nov. 30, 1922..... 15,710.36

Teaming charged to jobs \$27,250.48

Auto Trucks

Expenses—Chauffeurs, labor, repairs and Supplies \$27,327.48

Garage Expenses 11,648.78

Trucking charged to job at prevailing prices 50,805.19

STONE CRUSHERS

	Tons	Total Tons
Center Crusher:		
Amt. of stone bought in 1922	25,520.4	
Stone received from street work	3,367.	
	<hr/>	28,887.4
South Crusher:		
Amt. of stone bought in 1922	250.3	
Stone received from street work	859.8	
	<hr/>	1,110.1
North Crusher:		
Amt. of stone bought in 1922	800.	
Stone received from street work	488.2	
	<hr/>	1,288.2
Portable Crusher:		
Amt. of stone on hand in 1922	2,672.	
	<hr/>	2,672.
		<hr/>
		33,957.7
Amount of stone on hand in 1921		3,900.
		<hr/>
Total amount		37,857.7
Stone on hand at the four crushers:		
Center	-----	
South	50 Tons	
North	250 Tons	
Portable	-----	
Total cost of crushing stone	\$91,345.12	
Average cost per ton, including stones	\$2.43	

GUTTERS.

	1917	1918	1919	1920	1921	1922
Length in feet,	34,182.80	9,039.00	202.80	9,928.30	21,624.9**
Average width,	3.50	3.50	3.50	3.50	3.50	3.5
Area in square yards,	11,495.47	27,717.00	7,886.60	3,490.23	7,257.7	.....
Cost,	\$11,298.33†	5,500.55	8,862.58	5,047.23	9,437.22	44,362.58
Cost per square yard,	\$.98	1.46†	1.13†	1.55†	1.30†	.....
Cost per foot in length of average width,	\$.33	.61	.44	.55†	.44†	.....
Repaired Cost,	\$ 1,330.62	1,263.81	2,632.39	1,868.99	9,283.43	9,540.13

† Laying only (old cobbles from streets used over).

**No measurements furnished.

HIGHWAYS AND STREETS.

	1917	1918	1919	1920	1921	1922
Macadam, repaired,	\$14,829.75	\$16,604.42	\$37,146.73	\$36,793.15	\$42,143.33	\$35,522.46
Macadam:—						
Bituminous penetration	64,951.77	51,664.22	36,393.51	131,571.67	175,044.80	237,516.04
Bitulithic paving	121,194.96	200,857.42	244,711.26	256,325.84	411,618.55	326,406.57
Streets filled and graded	42,711.00	28,899.23	63,338.26	47,509.96	119,494.24	217,030.42
Curbing, new and relaid	31,716.36	29,436.56	36,303.30	72,277.06	119,074.03	80,998.38
Gutters, new	11,298.33	5,500.55	8,862.58	5,047.23	9,437.22	41,362.58
Gutters, repaired	1,330.62	1,263.81	2,632.39	1,868.99	9,283.43	9,540.13
Concrete sidewalks, repaired	1,830.05	1,900.52	1,251.40	2,373.86	6,249.31	4,469.51
Gravel and cinder walks	17,714.13	19,517.98	22,976.59	30,885.53	47,849.67	60,527.66
Granolithic, sidewalks	24,180.65	15,651.90	21,979.19	45,945.60	38,322.37	41,031.54
Paving, new, granite block	58,803.35	11,965.05	100,977.21	139,243.28	87,882.67	29,542.30
Paving, repaired, block, cobble and wood block	2,221.91	2,256.08	1,066.39	3,763.73	3,092.53	4,934.49
Flagging, new and repaired	788.57	933.24	867.62	2,551.91	5,662.55	3,485.20
Sweeping and cleaning streets	91,789.00	80,013.87	111,253.74	126,277.11	128,180.73	137,766.71
Removing snow and ice,	10,950.40	5,198.42	1,646.34	43,011.78	19,538.70	9,018.44
Collecting ashes,	53,215.73	58,856.10	70,155.14	102,760.54	111,966.28	119,975.41
Filling holes in street,	1,907.99	1,994.65	3,567.17	5,756.30	10,505.24	15,318.62

HIGHWAY IMPROVEMENT.

CURBING	1917	1918	1919	1920	1921	1922
Length, Cost, Cost per foot Cost per foot of stone	23,657.99 \$29,972.92 \$ \$	19,678.16 25,086.19 1.27 .74	21,224.87 34,440.66 .90	29,290.4 65,363.79 2.23 1.65	44,276.1 113,517.13 2.57 1.65	30,980.5 80,998.38 1.35
Total cost of curbing relaid	\$ 1,743.44	4,350.37	1,862.64	6,913.27	5,556.90	5,651.98

Highway Improvement Account.

HIGHWAY IMPROVEMENT.

Appropriation	\$760,000.00
Balance from 1921	7,944.50
Receipts	32,123.78
<hr/>	
Total	\$800,068.28
Expenditures	794,304.99
<hr/>	
Balance	\$ 5,763.29

<u>Expenditures</u>	Total
Curbing	\$80,998.38
Gutters	44,362.58
Granolithic	41,031.54
Grading	215,722.99
Land damages	14,182.90
Granite block pavement	797.66
Hassam block pavement	28,744.64
Warrenite pavement	297,652.18
Asbestos pavement	28,754.39
Widening streets	21,706.24
Walls	7,079.67
Supplies	5,154.96
Charges	8,116.86
<hr/>	
	\$794,304.99

STREET DEPARTMENT

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CURBING—NEW—1922

Street	Location	Length ft.
Acushnet Ave.	S. W. Cor. Nash Rd.	42.9
	E. S., No. Lunds Cor.	61.5
	W. S. So. Braley Rd.	176.8
	N. W. Cor. William	93.6
	S. E. Cor., Tarkiln Hill Rd.	10.3
Adams	S. S., County to Reynolds	39.4
Apponagansett	S. W. Cor. Fern	18.2
Armour	E. S., Arnold to Union	53.5
Arnold	N. E. Cor. Jonathan	78.1
	S. E. Cor. Reed	45.2
	N. W. Cor. Reed	46.
	S. E. Cor. Rockdale Ave.	71.9
	S. W. Cor. Rounds	50.6
	N. S., E. Rockdale Ave.	70.8
Ash	W. S., Kempton to Mill	71.1
Ashley Blvd.	S. W. Cor. Wood	13.7
	N. W. & S. W. Cor. Park Ave.	31.6
	N. E. Cor. Chaffee	21.4
	N. E. Cor. Dewey	21.
	N. E. Cor. Dutton	22.5
	N. E. Cor. Tacoma	21.7
Atlantic	W. S., Arnold to Union	43.7
Bedford	S. S., Brigham to Brownell	29.
	N. W. Cor. Stetson	20.2
Belleville Ave.	E. S., Wood to Sylvia	5.
	N. E. Cor. Sylvia	68.9
Belleville Rd.	S. S., W. Acushnet Ave.	32.9
Bentley	N. E. Cor. Ashley Blvd.	49.
Bonney	E. & W. S., Rivet to Brock Ave.	2,709.1
Brewster	N. E. & S. E. Cor. Acushnet Ave.	9.
Brock Ave.	E. & W. S., Mott to S. of Butler	1,413.3
	N. W. & S. W. Cor. Aquidneck	31.4
	N. S., West French Ave. to First	209.
Brook	N. W. Cor. Tallman	4.
Brownell	E. & W. S., Arnold to Union	163.9
Butler	N. S., Cleveland to Brock Ave.	108.7
Carroll	S. S., Reed to Rockdale Ave.	194.2
	N. S., West of Rockdale Ave.	12.
	N. S., Brigham to Brownell	14.5
Central Ave.	N. S., Concord to Arlington	43.9
Centre	N. & S. S., Front to Water	294.1
Chancery	W. S., Parker to Tilton	45.6
Chestnut	E. S., Pope to Locust	43.4

CURBING—NEW—Continued

Street	Location	Length ft.
Clara	S. S., E. French Ave. to Cleveland	167.
Clark	N. S., County to Reynolds	70.3
	S. S., W. of Summer	50.3
Clifford	N. S., Acushnet Ave. to Concord	84.
Clinton	N. W. Cor. Rounds	61.3
Coggeshall	N. S., Purchase to County	121.8
	N. S., Summer to Myrtle	42.2
Collette	S. S., Ashley Blvd. to Brook	85.1
Commercial	S. E. Cor. Water	65.
County	N. E. Cor. Wing	56.6
	E. S., Purchase to Sawyer	157.3
Court	N. S., E. James	46.5
	N. S., E. Florence	20.4
Dartmouth	S. W. Cor. Matthew	41.9
Davis	S. S., Acushnet Ave. to Ashley Blv.	180.8
Diman	W. S., Tinkham to Webster Ct.	86.8
Division	S. S., First to Second	35.5
Duncan	S. S., E. of Acushnet Ave.	118.7
Earle	N. & S. S., Front to Diman	75.1
E. French Ave	W. S., Mott to David	648.5
Ellen	N. & S. S., Brock Ave. to Freeman	149.7
	S. S., East of Brock Ave.	82.1
Elm	N. & S. S., Sixth to County	85.5
	S. S., East of Newton	34.3
Field	N. E. Cor. of Babbitt	15.8
	4 Cors. Weaver	62.5
Fielding	W. S., Wood to Hersom	44.9
Foster	W. S., Hillman to North	36.2
Frank	N. W. Cor. Avon	26.4
Glennon	S. S., Ashley Blvd. to Brook	31.1
Gould	E. S., Hawthorn to Priscilla	59.
Hadley	N. E. Cor. Acushnet Ave.	39.2
	S. S., Acushnet Ave. to Belleville Ave.	238.2
Hazard	N. S., County to Summer	50.1
Hemlock	N. W. & S. W. Cor. Frank	37.5

CURBING—NEW—Continued

Street	Location	Length ft.
Hersom	N. & S. S., Acushnet Ave. to Bay- lies	1,768.1
High	N. S., Second to Water	89.8
Highland	E. S., Coggeshall to Adams	85.5
Hillman	S. S., Park to Newton	37.7
	S. S., Chancery to Park	78.8
	N. S., Acushnet Ave. to Purchase	38.4
Howard Ave.	S. S., Belleville Ave. to Acushnet Ave.	43.2
Hussey	E. & W. S., Lake to Kempton	123.9
Independent	N. S., County to Crapo	26.2
Irvington	N. & S. S., West of Irvington Ct.	14.5
	S. W., Cor. Concord	5.5
	N. W., Cor. Ashley Blvd.	3.
Irvington Ct.	E. S., bet. Princeton & Irvington	239.4
James	E. S., Mill to North	148.4
	E. S., Middle to Kempton	31.7
Jenny Lind	W. S., North to Kempton	34.1
Jonathan	W. S., Union to Court	61.5
	E. S., N. Arnold	61.9
	W. S., Arnold to Union	40.
	E. S., Arnold to Union	115.9
Jouvette	N. S., County to Crapo	65.5
Junior	E. S., Arnold to Union	72.6
Kempton	S. S., Reed to Rockdale Ave.	251.9
	N. S., Ash to Emerson	34.
Maple	S. W., Cor. Palmer	48.2
	S. S., East of Reed	82.5
	S. S., Palmer to Reed	66.7
Matthew	S. S., West of Dartmouth	11.5
Maxfield	N. & S. S., Second to Purchase	405.5
Mechanics Lc.	N. S., Sixth to Eighth	140.7
Mill	N. S., James to Liberty	36.7
Moreland Ter.	S. W., Cor. Meriam	117.7
Morgan	N. S., Chancery to Park	89.8
Mott	S. S., E. French Ave. to Cleveland	176.3
Mt. Pleasant	E. & W. S., Sawyer to Hathaway Rd.	5,202.6
Myrtle	S. W., Cor. Penniman	54.2

CURBING—NEW—Continued

Street	Location	Length ft.
Myrtle	E. & W. S., Buchanan to Nausett	228.2
Nash Rd.	N. S., Hope to Diman	130.8
Newton	E. S., S. Elm	80.5
North	S. S., Summer to County	157.6
	S. S., James to County	128.4
	S. W. Cor. Jenny Lind	59.8
North Front	E. & W. S., Beetle to Coggeshall	132.8
Oak	W. S., N. Allen	7.6
Ocean	E. S., Arnold to Union	31.8
Palmer	N. E. Cor. Plymouth	81.7
Park	E. & W. S., Kempton to Maple	583.7
Pearl	S. S., Acushnet Ave. to R. R. Station	161.7
Penniman	S. W. Cor. Myrtle	119.
Perry	S. S., E. Acushnet Ave.	85.2
Pleasant	E. S., William to Mechanics Lane	146.7
Plymouth	N. S., Palmer to Brownell	61.1
Potter	S. E. & S. W. Cor. Turner	31.4
Prospect	W. S., South to Potomska	5.
Purchase	S. E. Cor. Spring	120.6
Reed	E. S., Union to Arnold	42.6
	E. S., Cor. Maple	85.9
	S. E., Cor. Arnold	71.7
	W. S., Union to Arnold	125.
	W. S., North of Arnold	78.
	W. S., Ryan to Carroll	161.9
	N. W. Cor. Elm	15.7
Rockdale Ave.	E. S., S. Arnold and S. E. Cor. Arnold	76.8
	E. S., S. Hathaway Rd.	231.4
	E. S., Hawthorn to Court	1,338.9
	E. S., Carroll to Ryan	201.4
	W. S., N. of Carroll	77.8
Rounds	W. S., Clinton to Arnold	146.8
	W. S., Arnold to Union	65.
	W. S., Court to Elm	25.6
	S. W. Cor. Union	44.9
Ryan	N. S., Brigham to Brownell	48.8
	S. S., Brownell to Palmer	49.8
	S. S., Brigham to Brownell	64.
	N. S., Reed to Rockdale Ave.	204.5

CURBING NEW—Continued

Street	Location	Length ft.
Second	E. and W. S., Rivet to Cove	794.1
Shawmut Ave.	E. and W. S., Durfee to Sutton	711.5
	E. S., N. of Parker	9.9
Spring	S. S., W. Acushnet Ave.	19.7
Spruce	E. S., Maxfield to Sycamore	5.
Sylvia	N. E., Cor Belleville Ave.	82.8
Tark'n Hill Rd.	N. and S. S., Bridge to Acushnet Ave.	369.
Thomas	E. S., Hillman to Maxfield	66.1
Union	N. and S. S., Park to Rotch	1,013.4
	N. and S. S., Rotch to Rounds	354.2
	S. S., Rounds to Junior	48.7
	S. W. Cor. Rounds	65.
	N. and S. S., Reed to Rockdale Ave.	705.7
Washington Av	W. S., Willis to Pearl	46.7
	S. E. and S. W. Cor. Pearl	31.4
Water	N. W. Cor. Middle	51.
	E. S., S. Commercial	151.7
W. French Ave.	E. S., Brock Ave. to Warren	238.8
William	N. S., Purchase to Pleasant	68.4
	N. W. Cor. Acushnet Ave.	21.6
*Wood	N. and S. S., Landry to Ashley Blvd.	207.1
Woodlawn	Brock Ave. to W. French Ave.	49.
Sundry Places	Miscellaneous	641.5
		30,980.5

*Cost Incomplete.

Total cost new curb \$80,998.38

Price per foot, \$2.46, including curbing and laying.

GUTTERS—NEW—1922

Street	Location	Cost
Aquidneck Ashley Blvd.	B. S., West of Brock Ave. W. S. bet. Irvington & Carlisle W. S. North of Tarkilm Hill Rd. W. S. bet. Wood & Tarkilm Hill Rd. Bet. Brooklawn Ave. and Wood	\$ 424.31 3,154.54
Austin	B. S., West of Shawmut Ave. Bet. Shawmut Ave. and Caroline	 335.03
Bates Belleville Ave.	B. S., East of Ashley Blvd. W. S. North of Howard Ave. Bet. Wood and Sylvia	560.75 404.50
Branscomb Brewster	B. S. bet. Conduit & Ashley Blvd. S. S. bet. Acushnet Ave. & Belleville Ave.	253.21 905.27
Brock Ave.	W. S. South of Valentine. South of Lucas W. S. bet. Capitol & Calumet W. S. South of Bellevue E. S. South of Butler E. S. South of Poor Farm Lane E. S. East of Bolton Rd.	 1,196.61
Brook Buchanan	B. S. North of Tallman Bet. Highland and Summer	662.42 793.32
Calumet	B. S. bet. Brock Ave. & W. French Ave.	 944.17
Caroline	E. S., North of Durfee Bet. Durfee and Mt. Vernon	 68.36
Concord Conduit	B. S. bet. Central Ave. & Shaw B. S. bet. Wood and Hersom	260.75 271.56
E. French Ave. Ernest	W. S. bet. Butler & Frederick B. S. bet. Belleville Rd. & Bates	1,248.33 505.77
Field	B. S. bet. Babbitt and Weaver	188.36
Garfield	S. S. Summer to Myrtle	347.63
Hawes Highland Holyoke	Tarkilm Hill Rd. to Holyoke Buchanan to Mt. Vernon S. S. West of Ashley Blvd.	68.45 3,118.15 139.99

GUTTERS— NEW Continued

Street	Location	Cost
Irvington	N. S. Ashley Blvd. to Maywood	542.23
Moynan	W. S. Wood to Park Drive	580.28
Mt. Pleasant	W. S. Hathaway Rd. to R. R.	135.72
Myrtle	B. S. Adams to Nausett	2,771.70
Norman	B. S. East of Cleveland	146.84
Oaklawn	B. S. Brock Ave. to W. French Ave.	1,651.14
Potter	Highland to Oakland	2,875.15
Prospect	South to Potomska	470.90
Reed	E. S. Plymouth to Ryan	2,725.86
Ricketson	Brock Ave. to E. French Ave.	187.18
Rockdale Ave.	B. S., South of Hathaway Rd.	
	B. S. Matthew to Westbrook South of Allen	1,752.97
Shaw	B. S. Conduit to Acushnet Ave. N. S., East of Acushnet Ave.	1,107.10
Shawmut Ave	B. S. Durfee to Sutton	2,734.83
Sutton	N. S. Highland to Shawmut Ave.	491.33
Tarkilm Hill Rd.	Bet. R. R. & Worcester B. S. Ashley Blyd. to Acushnet Ave.	756.18
Weaver	B. S. West of Field	74.15
W. French Ave.	South of Lucas	
	South of Calmnet	7,947.72
Wood	B. S. Ashley Blvd. to Waldo East of Acushnet Ave.	1,194.75
Sundry	Miscellaneous	365.07
		<u>\$44,362.58</u>

No measurements furnished.

GRANOLITHIC SIDEWALKS

Street	Location	Area sq. yds.
Acushnet Ave.	W. S., S. of Braley Rd.	28.23
Acushnet Ave.	S. of Braley Rd.	10.61
Acushnet Ave.	N. E. Cor. Covill	5.09
Acush. Av. }	S. W. Cor. Nash Rd.	106.77
Nash Rd. }	S. W. Cor. Acushnet Ave.	10.38
Acushnet Ave.	No. 3893, S. of Braley Rd.	119.08
Acush. Av. }	S. E. Cor. Perry	46.82
Perry }	S. E. Cor. Acushnet Ave.	72.96
Acush. Av. }	S. E. Cor. Tarkiln Hill Rd.	88.44
Tark. Hl. Rd. }	S. E. Cor. Acushnet Ave.	55.42
Acush. Av. }	N. E. Cor. Walnut	80.01
Walnut }	N. E. Cor. Acushnet Ave.	40.77
Adams	No. 14, County to Reynolds	197.12
Allen	No. 80, E. of Bonney	69.11
Armour	No. 92-94	32.37
Arnold }	N. W. Cor. Jonathan	47.80
Jonathan }	N. W. Cor. Arnold	54.46
Arnold }	N. E. Cor. Jonathan	34.72
Jonathan }	N. E. Cor. Arnold	61.73
Arnold }	N. W. Cor. Reed	61.29
Reed }	N. W. Cor. Arnold	43.81
Arnold }	S. E. Cor. Reed	30.48
Reed }	S. E. Cor. Arnold	59.47
Arnold }	S. W. Cor. Rounds	39.51
Rounds }	S. W. Cor. Arnold	46.87
Arnold }	N. E. Cor. Reed	52.43
Reed }	N. E. Cor. Arnold	32.34
Arnold }	S. E. Cor. Rockdale Ave.	36.50
Rockdale Ave }	S. E. Cor. Arnold	95.49
Ash }	N. W. Cor. Kempton	73.49
Kempton }	N. W. Cor. Ash	57.37
Ashland Place	N. S., Summer to Linden	39.57

GRANOLITHIC SIDEWALKS—Continued

Street	Location	Area sq. yds.
Ashley Blvd.	W. S., S. of Nye	43.58
Ashley Blvd. /	N. E. Cor. Bentley	65.05
Bentley)	N. E. Cor. Ashley Blvd.	55.13
Bedford	S. S. W. of Brigham	30.12
Belleville Ave /	N. E. Cor. Sylvia	91.03
Sylvia)	N. E. Cor. Belleville Ave.	86.03
Belleville Ave	W. S., S. of Hatch	9.23
Belleville Rd.	No. 184	28.02
Briggs	No. 10	38.40
Brock Ave.	No. 732, N. of Rodney	35.68
Brock Ave. /	No. 804-812, S. E. Cor. Ellen	98.20
Ellen)	S. E. Cor. Brock Ave.	65.64
Brock Ave.	No. 827, David to Ellen	35.74
Brock Ave. /	N. E. Cor. W. French Ave.	148.15
W. Fr'ch Av.)	N. E. Cor. Brock Ave.	138.35
Brock Ave.	No. 736	8.22
Butler	N. S., E. of Brock Ave.	97.04
Buttonwood	N. W. Cor. Lake	52.37
Carroll	No. 61 Brigham to Brownell	18.61
Central Ave.	N. S., W. of Concord	40.64
Centre	N. W. Cor. Front	51.56
Chancery	No. 449, Parker to Tilton	21.22
Chancery	W. S., Arnold to Union	14.21
Chestnut	E. S., S. of Locust	42.18
Chestnut	E. S., S. of Locust	31.40
Clara	No. 104-106, E. of Cleveland	27.68
Clara	No. 108, E. of Cleveland	26.27
Clara	No. 116-118, E. of Cleveland	26.84
Clara	No. 120, E. of Cleveland	26.27
Clark	No. 55-59, W. of County	57.11
Clark	No. 140, W. of Summer	53.01
Clifford	No. 43-45-47-49	55.47
Clinton /	N. W. Cor. Rounds	44.87
Rounds)	N. W. Cor. Clinton	46.70
Coffin Ave.	S. S., Acushnet Ave. to Ashley Blvd.	42.89
Coggeshall /	N. W. Cor. Purchase	127.53
Purchase)	N. W. Cor. Coggeshall	106.99

GRANOLITHIC SIDEWALKS—Continued

Street	Location	Area sq. yds.
Coggeshall	No. 567, E. of Summer	30.46
Collette	No. 276, W. of Ashley Blvd.	52.72
Collette	No. 286, W. of Ashley Blvd.	59.55
Collette	S. S., W. of Ashley Blvd.	47.36
Cottage	E. S., N. of Austin	5.36
County	N. W. Cor. Katherine	46.08
Katherine	N. W. Cor. County	94.68
County	W. S., S. of Katherine	42.52
County	Cor. Wing	32.25
County	W. S. Cor. Hillman	38.63
Court	No. 177-179, W. of Chancery	35.54
Court	N. E. Cor. of Florence	33.16
Court	S. E. Cor. James	40.57
Dartmouth	S. W. Cor. Matthew	63.48
Matthew	S. W. Cor. Dartmouth	7.68
Davis	No. 238-246, E. of Ashley Blvd.	151.88
Davis	No. 234, W. of Acushnet Ave.	55.55
Diman	W. S. Tinkham to Webster Ct.	122.89
Division	No. 36, W. of First	33.11
Earle	S. S., W. of Diman	52.61
E. French Ave.	W. S. Mott to David	597.64
Ellen	No. 80-82 W. of Brock Ave.	27.54
Ellen	No. 84-86, W. of Brock Ave.	27.65
Ellen	N. S., W. of Brock Ave.	26.66
Ellen	No. 90-92, W. of Brock Ave.	27.97
Elm	N. S. Liberty to Tremont	4.36
Elm	S. E. Cor. Reed	60.67
Reed	S. E. Cor. Elm	36.21
Emery	No. 26-28, W. of Brock Ave.	33.08
Fair	S. W. Cor. Dartmouth	56.72
Fielding	No. 53, S. of Hersom	30.95
Foster	No. 57, S. of Hillman	39.85
Front	E. S. Cor. Gifford	295.54
Gifford	S. S., E. of Water	19.61
Gifford	S. S., E. of Water	175.74
Cove	N. S. Cor. Harbor	469.21
Glennon	S. S., W. of Ashley Blvd.	41.56
Gould	S. S., S. of Hawthorn	36.02
Hadley	S. E. Cor. Acushnet Ave.	86.72

GRANOLITHIC SIDEWALKS—Continued

Street	Location	Area sq. yds.
Hadley	No. 180-182 E. of Acushnet Ave.	70.31
Hawthorn	S. S., E. of Reed	28.86
Hazard	No. 87, W. of County	40.91
Hugh	S. S., W. of Foster	57.98
Highland	No. 196-202 S. of Adams	50.13
Hillman	No. 35, W. of Acushnet Ave.	25.61
Hillman	S. S., E. of Park	37.29
Hillman	No. 264-266 E. of Newton	33.60
Howard Ave.	No. 118, E. of Acushnet Ave.	44.85
Hussey	No. 48, S. of Kempton	28.22
Hussey	S. W. Cor. Kempton	46.27
Independent	N. S., W. of County	57.28
Irrington Ct.	No. 9, N. of Princeton	27.51
James	No. 206, S. of Kempton	28.09
Jenny Lind	S. W. Cor. North	20.78
North	S. W. Cor. Jenny Lind	45.66
Jonathan	E. S., N. of Arnold	115.90
Jonathan	No. 23, N. of Arnold	30.63
Jonathan	No. 27, Arnold to Union	5.23
Jonathan	No. 65, N. of Union	37.86
Jonathan	N. W. Cor. Union	28.36
Union	N. W. Cor. Jonathan	66.33
Jouvette	N. S., W. of County	92.12
Junior	S. E. Cor. Union	16.60
Union	S. E. Cor. Junior	45.33
Junior	No. 44, S. of Union	18.04
Kempton	S. S., Francis to Reed	48.96
Kempton	S. S., Palmer to Reed	81.09
Kempton	No. 872-874, Cor. Rockdale Ave.	72.63
Lincoln	No. 12 S. of Union	58.17
Maple	S. S., W. of Palmer	67.90
Maple	S. E. Cor. Reed	69.86
Reed	S. E. Cor. Maple	53.90
Maple	S. W. Cor. Palmer	39.41
Palmer	S. W. Cor. Maple	62.86
Maxfield	No. 190, W. of County	25.35
Mechanics Le.	No. 63	9.43
Mechanics Le.	Eighth to Sixth	268.84

GRANOLITHIC SIDEWALKS—Continued

Street	Location	Area sq. yds.
Mill	N. E. Cor. James	21.93
James	N. E. Cor. Mill	44.62
Mill	N. S., E. of County	17.04
Mill	No. 81, W. of Hill	36.08
Mill	No. 83, W. of Hill	41.54
Mill	No. 85, W. of Hill	41.35
Morgan	No. 149-151, W. of Chancery	23.26
Morgan	No. 153-155 E. of Park	22.42
Mott	No. 74, E. of Cleveland	35.50
Mott	No. 78-82, E. of Cleveland	62.23
Mott	No. 86, E. of Cleveland	31.09
Myrtle	S. W. Cor. Penniman	48.93
Penniman	S. W. Cor. Myrtle	189.99
Nash Rd.	No. 65, W. of Hope	43.59
Nash Rd.	No. 67, W. of Hope	41.47
Nash Rd.	No. 71, W. of Hope	41.91
Newton	S. E. Cor. Elm	58.89
Elm	S. E. Cor. Newton	18.33
North	S. E. Cor. James	21.47
James	S. E. Cor. North	51.20
North	No. 266, E. of James	22.83
North	No. 270, E. of James	22.79
North	No. 247, W. of Newton	18.65
Oak	W. S., N. of Allen	13.98
Ocean	E. S., S. of Union	38.99
Ocean	No. 64, Arnold and Union	4.27
Ocean	No. 61, Arnold and Union	5.23
Pleasant	N. E. Cor. William	116.19
William	N. E. Cor. Pleasant	77.47
Plymouth	N. E. Cor. Palmer	26.08
Palmer	N. E. Cor. Plymouth	51.71
Plymouth	N. S., E. of Palmer	56.49
Princeton	No. 13, W. of Acushnet Ave.	27.36
Princeton	No. 216, W. of Bowditch	67.40
Purchase	No. 1519, S. of Franklin	39.88
Purchase	W. S., N. of Pope	47.44
Purchase	S. E. Cor. Spring	108.35
Purchase	W. S., S. of Pearl	61.35

GRANOLITHIC SIDEWALKS—Continued

Street	Location	Area sq. yds.
Reed	No. 238, N. of Arnold	29.05
Reed	W. S., N. of Arnold	45.70
Reed	No. 241, N. of Arnold	42.10
Reed	E. S., N. of Arnold	32.27
Rivet	No. 164, W. of County	41.04
Rockdale Ave.	No. 680 N. of Arnold	59.30
Rockdale Ave.)	N. E. Cor. Arnold	100.94
Arnold)	N. E. Cor. Rockdale Ave.	45.86
Rockdale Ave.	No. 788, Elm and Kempton	11.69
Rockdale Ave.	No. 780-782, S. of Kempton	50.45
Rockdale Ave.	S. E. Cor. Carroll	78.31
Rockdale Ave.	N. W. Cor. Carroll	67.38
Rockdale Ave.	No. 785-787, S. of Kempton	67.22
Rockdale Ave.	N. E. Cor. Ryan	73.81
Rockdale Ave.	E. S., S. of Union	52.19
Rounds	No. 147, S. of Union	23.37
Rounds	No. 151, S. of Union	28.45
Rounds	W. S., N. of Court	11.80
Rounds	W. S., N. of Court	11.05
Rounds	No. 113, S. of Union	25.40
Ryan	No. 32-34, W. of Brigham	39.59
Ryan	S. S., E. of Brownell	57.89
Ryan	No. 27, W. of Brigham	39.40
Ryan	No. 72-74, W. of Brownell	44.40
Second	E. S., N. of Walnut	41.14
Second	No. 567, S. of Division	30.83
Shawmut Ave.	E. S., S. of Locust	87.14
Sixth	No. 119, S. of Wing	40.66
Spring	S. S., Acushnet Ave. to Purchase	130.36
State	No. 98, N. E. Cor. Willis	41.80
Summer	W. S., Mill to North	151.68
North	S. S., Chestnut to Summer	201.63
Chestnut	E. S., Mill to North	148.09
Mill	N. S., Summer to Chestnut	186.81
Sycamore	S. W. Cor. Chancery	59.00
Chancery	S. W. Cor. Sycamore	33.09
Thomas	S. E. Cor. Maxfield	37.54
Union	N. S., W. of Ash	35.06
Union	S. S., W. of Atlantic	131.81
Union	N. S., W. of County	13.00
Union	N. S., W. of County	9.70

GRANOLITHIC SIDEWALKS—Continued

Street	Location	Area sq. yds.
Union	N. W. Cor. Park	11.46
Union)	No. 606-608, S. E. Cor. Brownell	35.30
Brownell {	S. E. Cor. Union	51.20
Union)	No. 610, S. W. Cor. Brownell	35.78
Brownell {	S. W. Cor. Union	55.92
Union)	S. W. Cor. Rounds	50.26
Rounds {	S. W. Cor. Union	32.77
Washington Av	No. 2, Willis to Pearl	14.03
Water)	S. E. Cor. Commercial	140.55
Commercial {	S. E. Cor. Water	99.96
Water	W. S., N. of Cove	34.81
Water	E. S., Cove to Morton Ct.	49.60
Water	No. 1082-1100, N. of Cove	99.98
Water	No. 937-939, Division to Delano	36.00
Water)	N. E. Cor. Howland	39.43
Howland {	N. E. Cor. Water	56.62
Water)	N. E. Cor. Leonard	40.55
Leonard {	N. E. Cor. Water	67.84
Water	No. 1038-1042	39.29
Water	No. 664-672	61.55
W. Fr'ch Av.)	N. W. Cor. Brock Ave.	69.63
Brock Ave. {	N. W. Cor. W. French Ave.	99.44
William)	N. W. Cor. Acushnet Ave.	21.76
Acush. Ave. {	N. W. Cor. William	64.58
Woodlawn	N. S., W. of Brock Ave.	24.17
		<hr/> \$14,399.07

GRANOLITHIC SIDEWALKS

Contracted bills—laying Granolithic Sidewalks	\$19,438.74
Extra Thickness for Driveway	30.49
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	\$19,469.23
Labor, Excavating, Preparing Foundation, Tools and	
Supervision for 14,399.07 sq. yds.	21,562.31
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	\$41,031.54
Average Cost per sq. yd.	\$ 2.849

FILLING AND GRADING—1922

Street	Location	Cost
Allen	Bet. John and Byron	\$ 275.91
Aquidneck	W. of Brock Ave.	82.71
Ashland Pl.	E. of Summer	78.84
Ashley Blvd.	Bet. Carlisle and Brooklawn Ave.	22,449.60
	N. of Pine Grove Cemetery	
	N. of Dutton	
	S. of Dutton	
	Bet. York and Joyce	
	N. of Tarkiln Hill Rd.	
	N. of Dewey	
	Bet. Tarkiln Hill Rd. and Joyce	
	Bet. Brooklawn Ave. and Wood	
	N. of Victoria	
	Bet. Park Drive and Park Ave.	
	Bet. Tarkiln Hill Rd. and Ohio	
	W. S., N. of Irvington	
Atlantic	Bet. Arnold and Union	128.00
Anstin	W. of Shawmut Ave.	141.32
Bates	E. of Ashley Blvd.	246.01
Bedford	Bet. Waverly and Page	4,661.09
	W. of Ash	
	W. of Waverly	
Belair	Bet. Acushnet Ave. and Wildwood Rd.	495.48
	E. of Acushnet Ave.	
	W. of Acushnet Ave.	
Belleville Ave.	W. S., S. of Hatch	290.54
Bellevue	E. of W. French Ave.	366.64
	E. of Brock Ave.	
	W. of E. French Ave.	
Birch	Bet. Brock Ave. and Fern	2,282.90
Bliss	Bet. Bolton and Brock Ave.	100.66
Bonney	Bet. Nelson and Brock Ave.	1,430.31
	Bet. Nelson and Rivet	
	Bet. Nelson and Jouvette	
Bowles	Acushnet Ave., Westerly	237.03
Brewster	Bet. Acushnet Ave. and Belleville Ave.	3,754.38
Bristol	E. of Pine Grove Cemetery	976.72
	Bet. Acushnet Ave. and Line	
Brock Ave.	Bet. Butler and Fort Rodman	1,942.43
	E. of Orchard	
	N. of Calumet	
	S. of Lucas	
	S. of Oaklawn	
Brockton	Bet. Prescott and Hawes	67.88

FILLING AND GRADING—Continued

Street	Location	Cost
Brook	Bet. Tallman and Deane Bet. Nye and Tallman Bet. Irvington and Shaw N. of Clifford	257.06
Brooklawn Ave.	Bet. Ashley Blvd. and Rochambeau W. of Ashley Blvd.	76.06
Brownell Ave.	Bet. Hawthorn and Court Bet. Pinnette and Hawthorn S. of Kempton N. of Hawthorn	5,476.61
Buchanan	Bet. Mt. Pleasant and Highland W. of Mt. Pleasant Bet. Summer nad Mt. Pleasant Bet. Mt. Pleasant and Myrtle	3,253.16
Byron	Bet. Allen and Ryan	75.97
Calumet	E. of W. French Ave. Bet. W. French Ave. and Brock Ave.	1,475.40
Cannon	E. of Water	182.69
Carlisle	E. of Church W. of Milford Bet. Ashley Blvd. and Rochambeau	332.85
Caroline	N. of Austin S. of Durfee	56.24
Carroll	Bet. Reed and Rockdale Ave.	198.32
Central Ave.	Bet. Church and Brook Bet. Church and Ashley Blvd. W. of Ashley Blvd. Bet. Concord and Arlington Bet. Bowditch and Church Bet. Wildwood and Ashley Blvd. W. of Acushnet Ave. E. of Acushnet Ave.	249.44
Chaffee	Bet. Arnold and Kempton Bet. Joyce and Dutton Bet. Irvington and Carlisle	9,137.31
Chancery	Bet. Highland and Mt. Pleasant	867.47
Church	Bet. Belleville Ave. and Riverside Ave. W. of Acushnet Ave.	129.57
Coggeshall	Bet. Wood and Hersom	1,591.39
Collette	Bet. Brownell Ave. and Button- wood (in park)	170.09
Conduit	Bet. Acushnet Ave. and Upland E. of Acushnet Ave.	363.82
Court	E. of Ball	545.00
Crescent	W. of Conduit	168.40
Darling		55.06
Dawson		1,012.02

FILLING AND GRADING—Continued

Street	Location	Cost
Dawson	Bet. Conduit and Plympton W. of Acushnet Ave.	
Dennis	E. of Brock Ave.	443.32
Dewolf	Bet. Durfee and Mt. Vernon	262.42
Diman	Bet. Tinkham and Webster Ct.	65.14
Dudley	E. of W. French Ave.	305.40
Duncan	E. of Acushnet Ave.	4,197.16
Durfee	E. of Rockdale Ave.	65.34
Dutton	Bet. Ashley Blvd. and Wildwood W. of Ashley Blvd. W. of Acushnet Ave.	12,864.37
E. French Ave.	Bet. Ashley Blvd. and Church S. of Aquidneck N. of Rodman Ave. At Acushnet Park S. of Almshouse N. of Bellevue S. of Apponagansett	331.58
Emery		98.75
Ernest	Bet. Belleville Rd. and Bates	455.99
Ethel	W. of Acushnet Ave.	241.03
Fern	S. of Butler	325.03
Frank	Bet. Butler and Apponagansett Bet. Bolton and Hemlock W. of Bolton W. of Hemlock	2,383.99
Frederick	Bet. Brock Ave. and Cleveland	74.70
Garbage Pt. L.e.	Bet. Shawmut Ave. and Plant	613.11
Garfield	Bet. Summer and Myrtle Bet. Summer and Mt. Pleasant	951.98
Gaywood	W. of Brownell Ave.	348.99
Glennon	Bet. Church and Edison	271.40
Hadley	E. of Acushnet Ave.	4,823.41
Harvard	Bet. Topham and Sutton Bet. Topham and Malden	628.79
Hawes	N. of Tarkilm Hill Rd. S. of Holyoke N. of Brockton	839.28
Hemlock	S. W. Cor. Frank	53.19
Hersom	Bet. Acushnet Ave. and Baylies Bet. Ashley Blvd. and Hanson Bet. Ashley Blvd. and Acushnet Ave. Bet. Ashley Blvd. and Waldo	9,963.34
Highland	N. of Sutton Bet. Buchanan and Sutton Bet. Buchanan and Sawyer Bet. Adams and Potter Bet. Potter and Mt. Vernon S. of Topham	6,911.05

FILLING AND GRADING—Continued

Street	Location	Cost
Holyoke	E. of Hawes W. of Lowell	1,731.39
Irving	Bet. Lowell and Hawes	
Irvington Ct.	Bet. Hawthorn and Maple	99.62
Irvington	N. of Princeton	228.74
	W. of Irvington Ct.	846.96
	W. of Concord	
John	Bet. Ashley Blvd. and Lafayette	
Jonathan	Bet. Allen and Farm	667.08
Joyce	Bet. Court and Union	141.41
	Bet. Ashley Blvd. and Wildwood Rd.	4,362.27
	W. of Ashley Blvd.	
	Bet. Ashley Blvd. and Church	
	Bet. Church and Wildwood Rd.	
Kempton	Bet. Rockdale Ave. and City limits	600.54
	W. of Jenney Lind	
	Bet. Buttonwood and Jenny Lind	
Kenmore		77.19
King	Bet. Central Ave. and Shaw	2,802.26
King's H'w'y	Bet. Mt. Pleasant and Tarkiln Hill Rd.	316.04
	E. of Mt. Pleasant	
Langlois	E. of Acushnet Ave.	1,012.30
Lawrence	N. of Tarkiln Hill Rd.	52.40
Linden	Bet. Pleasant and County	162.78
Lowell	N. of Tarkiln Hill Rd.	2,696.60
	Bet. Tarkiln Hill Rd. and Menton	
	S. of Menton	
	N. of Holyoke	
Maplewood	Bet. Acushnet Ave. and Line	3,968.65
	E. of Acushnet Ave.	
Maywood	Bet. Irvington and Brooklawn Ave.	244.77
	N. of Brooklawn Ave.	
	Bet. Irvington and Carlisle	
Menton	Bet. Ashley Blvd. and Lowell	1,026.13
	E. of Lowell	
Middle	Bet. Jenney and Lindsey	117.04
	Bet. James and Lindsey	
Moynan	Bet. Wood and Park Drive	2,873.92
Mt. Pleasant	Bet. Garfield and Sawyer	2,967.65
	N. of Durice	
	N. of Nash Rd.	
	Bet. Tarkiln Hill Rd. and Nash Rd.	
	N. of Sawyer	
	Bet. Sawyer and Nausett	
	Bet. Jefferson and Van Buren	

FILLING AND GRADING—Continued

Street	Location	Cost
Myrtle	Bet. Nansett and Sawyer N. of Sawyer	1,555.04
Nash Rd.	Bet. Mt. Pleasant and Shawmut Ave. W. of Mt. Pleasant W. of Ashley Blvd.	1,077.16
Oak	N. of Allen	184.42
Oakland	Bet. Durfee and Potter N. of Durfee	967.58
Oaklawn	Bet. Brock Ave. and W. French Ave. E. of W. French Ave. W. of Brock Ave.	716.44
Orchard	Bet. Rotch Ct. and Arnold Bet. Union and Arnold N. of Arnold	4,522.03
Palmer	Bet. Maple and Hawthorn	464.00
Park Drive	Bet. Acushnet Ave. and Fielding W. of Acushnet Ave.	251.18
Phillips Rd.	Bet. Acushnet Ave. and Braley Rd. S. of Braley Rd.	21,140.37
Pinnacle	Bet. Braley Rd. and Church	
Plainville Rd.	W. of Brownell Ave. Bet. Shawmut Ave. and Mt. Pleasant	168.72 1,822.34
Plympton	E. of Shawmut Ave.	
Polk	Bet. Harwich and Dawson Bet. Summer and Mt. Pleasant E. of Summer Bet. Summer and Myrtle E. of Mt. Pleasant	183.51 5,203.61
Potter	Bet. Highland and Shawmut Ave. E. of Shawmut Ave. W. of Shawmut Ave. Bet. Highland and Bullock Bet. Shawmut Ave. and Oakland	3,261.31
Prospect	Bet. South and Potomska	1,654.68
Reed	Bet. Hawthorn and Carroll Bet. Ryan and Carroll Bet. Plymouth and Ryan	619.16
Reynolds	N. of Sawyer	796.91
Ricketson	W. of E. French Ave.	77.57
Rochambeau	Bet. Brooklawn Ave. and Park Ave. N. of Brooklawn Ave. N. of Irvington	4,826.20

FILLING AND GRADING—Continued

Street	Location	Cost
Rochambeau	W. of Ashley Blvd. Bet. Carlisle and Brooklawn Ave. Bet. Carlisle and Irvington Bet. Carlisle and Park Ave.	
Rockdale Ave.	Bet. Allen and Westbrook N. of Durfee S. of Allen N. of Kempton S. of Court S. of Hathaway Rd. N. of Parker	508.23
Rounds	Bet. Clinton and Maple Bet. Arnold and Maple Bet. Arnold and Clinton	531.52
Roy	S. of Wood	70.93
Sassaquin Ave.	Bet. Acushnet Ave. and Tobey Rd. Head Peckham W. of Acushnet Ave.	6,037.82
Sawyer	Bet. Mt. Pleasant and Highland S. S. E. of Brook W. of Mt. Pleasant	71.15
Seabury	Bet. Irvington and Carlisle	119.29
Shaw	Bet. King and Church Bet. Acushnet Ave. and Conduit E. of Acushnet Ave.	2,379.05
Shawmut Ave.	N. of Plainville Rd. Bet. Hathaway Rd. and Grand Bet. Durfee and Parker N. of Grand	1,746.65
Somerset	Bet. Wood and Hersom	235.44
Sylvia	Bet. Hersom and Tark'n Hill Rd. Bet. Acushnet Ave. and Belleville Ave. E. of Belleville Ave. E. of Acushnet Ave.	4,699.17
Tacoma	W. of Ashley Blvd.	488.82
Tark'n Hill Rd.	Bet. Lawrence and Lowell E. of Conduit	739.47
Tobey	Near Pond	60.00
Truro	Bet. River Rd. and Belleville Ave.	741.16
Turner	Bet. Potter and Durfee	233.31
Victoria	W. of Acushnet Ave.	1,214.00
Waldo	Bet. Park Drive and Wood Bet. Wood and Hersom	153.37
Walker	Bet. Hathaway Rd. and Malden	166.97
Westland	E. of Acushnet Ave.	79.20
Whitlow	N. of Durfee	84.95
Whitman	W. of Ashley Blvd. Bet. Ashley Blvd. and Brook	1,115.13

STREET DEPARTMENT

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FILLING AND GRADING—Continued

Street	Location	Cost
Willard	Bet. W. French Ave. and Brock Ave.	371.77
Wood	E. of W. French Ave. Bet. Acushnet Ave. and Belleville Ave.	2,998.51
Woodlawn	E. of Acushnet Ave. E. of Belleville Ave. E. of Ashley Blvd. Bet. Ashley Blvd. and Waldo	82.58
Miscellaneous	W. of Brock Ave. Sundry streets costing less than \$50.	2,105.39
		<u>\$215,722.99</u>

Widenings :

Brock Ave. and Bolton St.	\$ 173.11
County, N. E. Cor. Wing St.	151.54
Rockdale Ave.	500.50
Sixth St.	7.07
Spring St.	570.95
Union	20,303.07
<u>\$21,706.24</u>	

Total Filling and Grading \$215,722.99

Total Widenings 21,706.24

Grand Total \$237,429.23

WALLS

Street	Location	Cost
Ashley Blvd.	N. of Pine Grove Cemetery	\$3,695.72
Brewster		100.00
Dutton	E. of Ashley Blvd. W. of Acushnet Ave.	174.47
Elm	N. W. Cor. Reed	366.21
Hadley	E. of Acushnet Ave.	952.63
Hersom	W. of Waldo	137.36
Irvington Ct.	E. S., N. Princeton	203.39
Joyce		456.46
Maxfield	N. W. Cor. Beech	346.63
Sylvia	E. of Acushnet Ave.	600.17
Wood	Acushnet Ave. to Belleville Ave.	46.63
		<u>\$7,079.67</u>

STREET DEPARTMENT

GRANITE BLOCK PAVING (Hassam System)

Street	Location	Sq. Yds.	Cost
Centre	Front to Water	627.58	\$4,533.19
*Elm	Sixth to County	591.6	3,719.28
Hamilton	Front to Water	635.27	4,589.99
High	Second to Water	868.7	6,947.87
Maxfield	Second to Purchase	1,238.9	8,920.08
Miscell.			34.23
		<u>3,962.05</u>	<u>\$28,744.64</u>

*Pitch Joint and Recut Blocks used.

Contract price for Hassam Pavement, Pitch Joint, \$4.50

Contract price for Hassam Pavement, with Cement Joint, \$4.20

Average price per sq. yd. \$7.42

ASBESTOPHALT PAVEMENT

Street	Location	Sq. Yds.	Cost
Acushnet Ave.	N. of William to Willis	7,159.3	
	Logan to Wamsutta	3,918.7	
	S. of Hicks to Weld	1,778.2	\$27,056.05
Elm	County to Summer	745.3	1,155.28
Water	Madison to Rivet	350.36	543.06
		<u>13,951.86</u>	<u>\$28,754.39</u>

TOP—1" Thick Laid on Top of Granite Blocks.

Contract price, \$1.55 per sq. yd.

Average price per sq. yd. (including binder) \$2.06.

BITUMINOUS CONCRETE PAVEMENT - WARRENITE

Street	Location	Sq. Yds.	Cost
Bonney	Brock Ave. to Rivet	6,210.9	\$23,511.72
Brock Ave.	Butler to Emery	7,497.4	33,180.96
	W. French Ave. to First	948.5	
County	Sawyer to Purchase	2,093.7	6,297.36
E. French Ave. Elm	Apponagansett to Cove	14,133.3	41,711.80
	Sixth to County	1,180.1	4,514.20
Hillman	County to Summer (in gutter)	551.6	1,185.01
Kempton	Reed to Rockdale Ave.	1,142.8	4,434.77
Mechanics Le. Mt. Pleasant	Purchase to Pleasant	355.7	1,485.08
	Sawyer to Hathaway Rd.	8,791.8	23,439.43
North No. Front	County to Cottage	2,019.9	7,152.28
	Coggeshall to Beetle	1,168.9	3,652.63
Park Purchase	Maple to Kempton	6,150.8	18,566.49
	Intersection of Weld	506.3	2,651.65
Second Shawmut Ave. Sixth	Cove to Rivet	4,840.4	14,862.06
	Durfee to Grand	3,174.6	11,077.65
	Union to William (in car tracks)	459.5	2,572.16
Tark'n Hill Rd.	Bridge to Acushnet Ave.	2,992.2	13,590.05
Union	Newton to Rounds	5,470.3	22,028.26
	Reed to Rockdale Ave.	1,303.9	
W. French Ave.	Rodman Ave. to Lucas	10,416.9	61,616.62
	Warren to Brock Ave.	3,219.5	
Miscellaneous			122.00
		84,628.50	\$297,652.18

Average cost per sq. yd. \$3.52

Macadam Loan Account

MACADAM LOAN ACCOUNT

Appropriation	\$230,000.00
Balance from 1921	8.03
Receipts	2,698.03
	<hr/>
Total	\$232,706.06
Expenditures	232,609.56
	<hr/>
Balance	\$ 96.50

STREET DEPARTMENT

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MACADAM PENETRATION

Street	Location	Sq. Yds.	Cost
Allen	Rockdale Ave. to Dartmouth Line	3,259.9	\$ 4,209.60*
Aquidneck	E. French Ave. to Brock Ave.	1,927.2	3,726.91
Arch	Arnold to Union	1,210.6	499.05*
Arlington	Glennon to Query	645.4	854.18
Armour	Arnold to Court	2,214.4	2,667.45
Arnold	Rounds to Rockdale Ave.	2,189.3	3,218.48
Ashley Blvd	North of Irvington		8,237.44
Atlantic	Arnold to Union	1,652.8	2,757.24*
Austin	Pleasant to State	962.1	1,039.15*
Bay	Dartmouth to Ward	1,544.2	2,243.96*
Belleville Av	South of Hatch	687.1	1,509.55
Brock Ave.	Hudson to Park entrance	277.5 }	13,674.65*
	Butler to Rodman Ave.	8,518.9 }	
Brook	Tallman to Deane	1,328. }	2,449.03
	Collette to Davis	461.3 }	
Butler	E. French Ave. to Brock Ave.	3,798.6	4,964.43*
Calmet	East of W. French Ave.	1,098.	1,132.21
Cannon	East of Water	628.2	693.17
Carroll	Brownell to Palmer	782.1	2,011.92*
Chancery	Arnold to Court	2,301.3 }	6,496.93*
	Court to Kempton	2,138. }	
Chestnut	Mill to North	474.1	1,074.41*
Collette	Riverside Ave. to Belleville Ave.	889.5	1,362.58
Clover	Allen to Grape	1,089.3	1,688.50
Coggeshall	Myrtle to Summer	933.3	2,009.27
Concord	Central to Shaw	511. }	2,227.80
	Clifford to Irvington	674.4 }	
Cook	Kempton to Mill	340.6	682.07
Court	Buttonwood Park to Brownell Av	1,682.9	4,327.16
Ellen	Brock Ave. to Freeman	519.5	831.37
Felton	Park Drive to Wood	850.4	1,873.64
Fern	Butler to Apponagansett	1,834.7	1,004.83
Field	Weaver to Babbitt	507.8	952.88
Florence	Court to Hillman	3,429.6	2,491.96*
Frederick	Cleveland to Brock Ave.	585.1	1,172.72
Garbage P.L.R	West of Shawmut Ave.	3,342.7	4,701.60
Grove	Cottage to Ash	1,142.6	2,180.60*
Hazard	Purchase to Pleasant	588.2	1,086.94*
Hersom	Acushnet Ave. to Felton	2,977.1	5,233.78
High	Foster to County	1,662.5	3,682.21*
Hudson	Brock Ave. to W. French Ave.	2,158.8	4,342.48

MACADAM—PENETRATION—Continued

Street	Location	Sq. Yds.	Cost
Irvington	Ashley Blvd. to Milford	1,183.9	
	Irvington Ct. to Concord	1,536.4	5,951.87
Irvington Ct.	Princeton to Irvington	414.4	1,092.20
Jonathan	Arnold to Union	1,677.8	2,528.44
Lincoln	Arnold to Union	1,207.2	1,955.75*
Linden	Pleasant to County	1,479.2	3,096.48*
Mechanics Le	Sixth to Eighth	785.2	1,483.27
Mt. Pleasant	Nash Rd. to Plainville Rd.	11,977.	21,580.60*
Nelson	Second to County	753.3	829.71*
Ocean	Arnold to Union	1,217.	1,570.25*
Orchard	Washington to Dartmouth	1,312.6	1,814.71*
Palmer	Hawthorn to Maple	1,019.7	1,630.65
Pearl	Depot to Acushnet Ave.	165.	532.02
Plainville Rd.	Mt. Pleasant to Shawmut Ave.	11,946.	16,842.34*
Plymouth	Reed to Palmer	781.3	1,760.02
Pope	Pleasant to State	567.4	753.52*
Potter	West of Shawmut Ave.	1,860.	2,388.58
Princeton	Ashley Blvd. to Brook	1,819.7	2,813.10
Prospect	South to Potomska	1,624.3	2,895.52
Reed	Ryan to Plymouth	1,345.3	2,433.99
Robeson	County to Summer	773.1	928.85*
Rochambeau	Irvington to Carlisle	1,811.6	2,777.91
Rockdale Ave	Hawthorn to Court	3,510.9	
	Court to Lake	1,649.8	
	Plymouth to Hawthorn	289.4	8,657.09*
Seventh	Madison to Spring	1,823.	1,655.05*
Shawmut Ave	Grand to Hathaway Rd.	5,103.2	
	Parker to Dnree	4,116.2	7,940.23*
Studley	County to Summer	1,047.6	1,539.04*
Sycamore	County to Summer	697.3	1,060.13*
Tallman	Acushnet Ave. to Ashley Blvd.	1,483.5	2,252.76*
Trinity	Cedar to Richmond	806.1	1,250.12*
Union	Chancery to Newton	455.6	556.39
Washington	County to Orchard	2,350.8	2,696.89*
Weaver	11.2 ft. E. of Field W. 129.5 ft.	259.	721.02
Whitman	Ashley Blvd. to Brook	1,760.	3,552.05
Wood	Landry to Ashley Blvd.	2,941.1	5,155.47

Street	Location	Sq. Yds.	Cost
	WATER BOUND MACADAM		
Alden	West of Rockdale Ave.		3,103.45
E. Fr'ch Ave.	Cove Rd. to Apponagansett	5,220.	3,869.96
W. Fr'ch Ave.	Lucas to Rodman Ave.		1,959.03
	Miscellaneous		8,575.43
			<hr/>
Transfers			\$237,516.04
			4,906.48
			<hr/>
			\$232,609.56

*Replaces Water Bound Macadam

Average cost per sq. yd. new work, \$1.66

Average cost per sq. yd. replacement, \$1.39



Bridges

BRIDGES

Appropriation	\$40,000.00
Expenditures	31,119.40
	<hr/>
Balance	\$ 8,880.60
*New Bedford and Fairhaven Draw Bridge, \$30,463.05	
**Coggeshall St. Bridge	656.35
	<hr/>
	\$31,119.40
*One-fifth share to Town of Fairhaven ...	\$6,092.61
**One-fourth share to Town of Fairhaven .	\$ 164.09

**ANNUAL REPORT OF THE NEW BEDFORD AND
FAIRHAVEN DRAWBRIDGE.**

Year Ending December 31, 1922.

Month	Boats	Tugs	Barges	Schooners	Steamers	Craft	Openings	Tons
January	5	134	18	2	28	187	132	24,790
February,	15	137	21	2	24	199	132	47,675
March,	17	167	39	4	33	260	178	46,100
April,	176	160	55	1	44	436	313	39,000
May,	145	104	37	6	32	324	258	19,675
June,	135	93	14	12	40	294	248	8,200
July,	148	105	11	10	49	323	265	24,400
August,	117	114	19	17	46	313	243	35,125
September,	123	98	11	5	45	282	225	26,075
October,	137	141	43	2	33	356	264	30,225
November,	74	132	28	2	30	266	191	23,175
December,	14	178	38	0	29	259	173	36,625
Totals 1922	1106	1563	334	63	433	3499	2622	350,975
Totals 1921	1373	2449	801	31	352	5009	3411	360,240

Sewers and Drains

SEWERS AND DRAINS.

Appropriation	\$ 55,000.00
Receipts	79,328.76
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Total	\$134,328.76
Expenditures	133,565.62
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Balance	\$ 763.14

NET EXPENDITURES.

Appropriation	\$55,000.00
Balance	763.14
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Total	\$54,236.86

GROSS EXPENDITURES.

Auto Truck	\$ 2,686.26
Catch-basins, cleaned	30,508.49
Catch-basins, repaired	3,961.26
Culverts, new	3,964.99
Culverts, repaired	83.59
Culverts, cleaned	131.06
Eyeholes, cleaned	56.66
Eyeholes, repaired	247.99
Manholes, repaired	1,184.60
Sewers, cleared	1,208.09
Sewers, repaired	2,515.20
Surface drains, cleared	136.71
Surface drains, repaired	594.51
Surface drains, new	2,337.22
Drains to houses, new, cleared and repaired	33,008.23
Tools, new and repaired	1,725.62
Stock, carting and handling	3,107.57
Supplies	38,085.38
Miscellaneous charges	8,022.19
<hr/>	
Total	\$133,565.62

DRAINS LAID

Number	Size of Pipe	Length Feet	Cost
2	5 inch	74	\$ 106.19
601	6 inch	19,230	35,165.58
6	8 inch	396	1,009.22
1	10 inch	18	592.41
610		19,718	\$36,873.40

610 New Drains Laid, Cost \$36,873.40

102 Drains Repaired, Cost 2,859.47

482 Drains Cleared, Cost 1,148.54

Total Cost \$40,881.41

Sewer Construction Account

SEWERS

Street	Location	Type of Construction	Size	Length ft.	Cost
Acushnet Ave.	Westland to Kenmore St.	Clay Pipe	12" 15"	1459	\$13,433.70
*Acushnet Ave.	Kenmore St. 125 ft. Northerly	" "	12" 15"	125	984.93
Alfred	Wood St. Sewer to S. L. of Wood St.	" "	10"	38	185.34
Bayview	E. L. W. French Ave. to Clark's Cove	" "	10" 15"	143	772.05
Bedford	20 ft. E. of Ash St. to W. L. Waverly	" "	12"	186	628.90
*Bedford—John	Reed to Farm	" "	24" 10"	819	8,247.51
Belair	Acushnet Ave. Westerly 368 ft.	" "	10"	416	754.34
*Belleville Ave.	Force Main Pumping Station to S. of Belleville Rd.	" "			
Birch	Fern to Brock Ave.	C. Iron	24"	144	2,397.49
*Bliss and Bolton	Rockdale Ave. to 40 ft. S. of Osborn	" "	8"	301	703.26
Brewster	Belleville Ave. to 633 ft. Westerly	" "	10" 8"		
Byron	Allen to Ryan St.	Seg. Blk. Clay Pipe	10"	2051	25,788.90
*Carroll	Rockdale Ave. Westerly 82 ft.	" "	15"	683	4,506.10
Coggeshall	Mt. Pleasant Westerly 350 ft.	" "	10" 8"	580	2,585.14
Darling	Ball St. Easterly	" "	10"	162	900.14
Dewolf	Durfee St. Northerly 240 ft.	" "	54" 51" 48"	385	1,638.96
*Edna	Edna and Park Drive	" "	24" 22" 18" 15" }	261	965.35
Fairmount	Rockdale Ave. Westerly 233 ft.	" "	10"	265	882.00
*Francis	Court St. Northerly	" "	10"	664	468.27
Garfield—Myrtle	South on Myrtle—West on Garfield	" "	8"	233	919.77
Gaywood	Rockdale Ave. Westerly	" "	18" 10" 8"	869	8,921.36
*Gifford	East of Harbor	" "	18" 15" 10"	807	4,889.40
Hadley	Kearsarge St. Westerly 362 ft.	" "	8"	374	1,021.12
*Harwich	Plymouth St. Westerly	" "	18"		2,883.56
*Hersom	70 ft. W. L. of Waldo to Ashley Blvd.	" "	8" 10"	352	1,733.76
Highland—Coggeshall	Coggeshall and Highland St.	" "	24" 18" 12" 10"	383	5,244.54
*Howard Ave.	Pumping Station	" "	8"	1069	6,955.14
Irvington—Maywood	Church St. to Carlisle St.	" "	24" 18" 15" 12" 10"		578.14
Lloyd	Acushnet Ave. Easterly	" "	8"	1324	9,751.38
*Landry	Wood St. Southerly 464 ft.	" "	10"	243	8,508.64
		" "		493	788.79
		" "			81.73

Street	Location	Type of Construction	Size	Length ft.	Cost
Malden—Shawmut Ave.	Pleasant St. Westerly From M. H. 402 ft. South of Brooklawn North 351 ft.	Clay Pipe	12" 10" 8"	672	2,258.20
Maple		" "	8"	217	815.86
Mechanics Lane		C. Iron	12"	145	926.53
Milford					
Mr. Vernon	At Pleasant St. Northerly	Clay Pipe	10" 8"	351	1,257.01
*Norwell	Bolton to Dartmouth	" "	8"	139.32	139.32
Orchard	Arnold St. Northerly	" "	15" 12" 8"	501	12,400
*Osborn	Bolton St. to Dartmouth	" "	8"	370	1,411.94
Portland	Surface Drain	" "	15" 12" 10" 8"	663	1,229.52
Reed	Allen St. Northerly	" "	15"	173	942.51
*River Rd.	Howard Ave. to Tarkila Hill Rd.	" "	8"	348	1,393.52
Rockhambeau	Tr. 470 ft. Northerly	" "	24" 15" 12" 10"	2,122	10,950.09
Rockdale Ave.	Rockdale Ave. to Arnold Northerly 499 ft.	" "	10" 8"	715	2,342.01
Roy	Within Line of Wood St.	" "	8"	524	1,188.73
Ryan	Palmer to Rockdale Ave.	" "	14"	30	173.03
Seymour S. D.	Surface Drain	" "	15" 12" 10"	548	4,248.45
Shawmut Ave.	Topham St. Northerly 277 ft.	" "	15" 10"	181	1,245.50
Stanton Ct.	Stanton Ct. to Crapo St.	" "	8"	302	650.49
Stephen Matthew		" "		89	68.07
S. D.	Rockdale Ave. to W. L. Stackhouse St.	" "	18"		
S. D.	Orchard to Hemlock St.	" "	18" 12"		
*Sylvia—Langlois	Sylvia St. to 94 ft. E. of Acushnet Ave.	" "	10" 8"	1203	4,991.25
*Tarkila Hill Rd.	Acushnet River to 50 ft. E. of Acushnet Ave.	" "		388	4,769.83
Tarkila Hill Rd.	Acushnet River to 50 ft. E. of Acushnet Ave.	" "	15" 12" 10" 8"	731	2,190.53
Thompson	Acushnet River to 50 ft. E. of Acushnet Ave.	" "			1,423.85
Union	Bolney to Bolton St.	" "	15" 12" 10" 8"	841	3,505.80
*Wood	Newton to Tremont St.	" "	12" 10"	746	2,434.68
	Acushnet River to Belleville	" "	18"	432	1,970.26
		" "	24" 8"	895	11,674.78
					\$190,450.82

*Carried forward to 1923.

NEW CATCH-BASIN ACCOUNT.

Appropriation	\$26,000.00
Amount brought forward from 1921	1,282.74
Receipts	1,664.31
<hr/>	
Total	\$28,947.05
Expenditures	27,741.83
<hr/>	
Balance	\$ 1,205.22

EXPENDITURES.

Catch-basins, new	\$19,773.03	
Catch-basin drains, new	880.46	
Culverts, new	905.45	
Eyeholes, new	2,554.77	
Manholes, new	1,334.49	
Surface drains, new	635.76	
Miscellaneous charges	1,657.87	
Total	<hr/>	\$27,741.83

STREET DEPARTMENT

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CATCH BASINS—NEW

Street	Location	Cost
Acushnet Ave.	S. W. Cor. Bates	\$ 109.41
	N. E. Cor. Elliot	242.22
	N. W. Cor. Ethel	235.40
	W. S., N. Marion	201.98
	E. S., S. Pontiac	258.03
Alfred	S. W. Cor. Wood	217.26
Allen	N. W. Cor. Reed	286.81
Apponegansett	S. W. Cor. Fern	181.47
Aquidneck	N. E. Cor. W. French Ave.	221.80
	S. E. Cor. W. French Ave.	217.81
Ashley Blvd.	S. W. Cor. Brooklawn Ave.	159.33
	S. W. Cor. Carlisle	242.07
	N. E. Cor. Chaffee	251.12
	N. E. Cor. Dutton	252.93
	N. E. Cor. Tacoma	266.37
Avon	N. W. Cor. Frank	302.62
	S. W. Cor. Rockdale Ave.	257.46
Bates	S. S.W. Acushnet Ave.	138.02
Bedford	N. W. Cor. Stetson	187.19
Belleville Ave.	N. W. Cor. Brewster	198.97
	S. W. Cor. Harwich	215.15
	N. E. Cor. Wood	215.30
	E. S., bet. Wood and Sylvia	192.68
	N. W. Cor. Wood	241.98
Bellevue	N. E. Cor. W. French Ave.	152.77
	S. E. Cor. W. French Ave.	157.59
Brock Ave.	W. S., Hld. Butler	193.30
	North of Acushnet Park	202.40
	E. S., N. of Hudson	171.24
Brook	N. W. Cor. Tallman	207.17
Clinton	N. E. Cor. Reed	211.19
Concord	S. W. Cor. Irvington	220.45
Court	N. W. Cor. Park	184.83
Dawson	N. W. Cor. Conduit	198.32
	S. W. Cor. Conduit	181.91
Dewey	N. E. Cor. Ashley Blvd.	266.95
De Wolf	S. W. Cor. Potter	191.52
E. French Ave.	W. S., S. Rodney	117.68
Elm	N. S., Hld. Eighth	183.33
	S. W. Cor. Eighth	158.48
	N. W. Cor. Sixth	96.14
	S. W. Cor. Sixth	203.31
Fern	N. W. Cor. Birch	193.79

CATCH BASINS—NEW—Continued

Street	Location	Cost
Harwich	N. W. Cor. Belleville Ave.	241.65
Hathaway Rd.	S. S., W. of Mt. Pleasant	101.84
Hemlock	N. W. Cor. Frank	221.42
	S. W. Cor. Frank	270.61
Highland	S. E. Cor. Adams	188.48
Homestead	N. E. Cor. Acushnet Ave.	131.84*
Hudson	N. E. Cor. and S. E. Cor. West French Ave. (2)	396.99
Irvington	N. W. Cor. Ashley Blvd.	244.13
	N. S., W. Irvington Ct.	218.06
	S. S., W. Irvington Ct.	238.74
Langlois	N. S., E. Acushnet Ave.	195.85
	S. S., E. Acushnet Ave.	155.94
Lloyd	N. E. Cor. Acushnet Ave.	99.13*
Lowell	S. W. Cor. Holyoke	172.52
Mechanics Le.	N. S. bet. Sixth and Eighth	106.55
	N. W. Cor. Sixth	117.37
Milford	N. W. Cor. Irvington	173.84
Mt. Pleasant	S. W. Cor. Buchanan	204.95
	East of Hathaway Rd.	115.33
	E. S., N. of Hathaway Rd.	97.42
	S. E., Cor. Jefferson	218.93
	W. S., Hd. Nausett	199.51
	N. W. Cor. Sawyer	369.71
Moynan	S. W. Cor. Wood	208.02
Myrtle	S. W. Cor. Fillmore	212.90
	E. S., S. Polk	246.36
	S. W. Cor. Polk	238.85
	S. W. Cor. Van Buren	228.19
Oaklawn	N. E. Cor. W. French Ave.	420.30
	S. E. Cor. W. French Ave.	197.55
Potter	N. S., E. of Dewolf	196.50
	S. S., East of Dewolf	188.98
	S. W. Cor. Shawmut Ave.	158.99
	N. S., Hd. Turner	178.26
Prospect	W. S., bet. Potomska and South	236.38
Rochambeau	N. W. Cor. Irvington	203.94
Rockdale Ave.	N. E. Cor. Matthew	181.42
	E. S., Hd. Winterville Rd.	184.12
Rodney	S. W. Cor. E. French Ave.	203.27

CATCH BASINS—NEW—Continued

Street	Location	Cost
Rutland	N. W. Cor. Conduit	189.86
Ryan	S. W. Cor. Reed	173.79
Sawyer	S. E. Cor. Highland	195.74
Somerset	N. W. Cor. Wood	204.22
Spring	S. W. Cor. Acushnet Ave.	220.30
Tarkiln Hill Rd	N. S., E. River Rd.	35.66**
	N. E. Cor. Church	188.78
Tarkiln Hill Rd	N. E. Cor. Oliver	196.16
	N. E. Cor. Worcester	113.43
Transit	N. W. Cor. Frank	254.31
Union	N. W. Cor. Jonathan (2)	289.02
Water	E. S., N. High	258.51
	E. S., S. Spring	169.38
Waverly	S. W. Cor. Bedford	216.23
W. French Ave	E. S., S. Lucas	100.15**
Wood	N. W. Cor. Hanson	216.90
		\$19,773.03

*Unfinished.

**Rebuilt

EYEHOLE—NEW

Street	Location	Cost
Acushnet Ave.	N. E. Cor. Homestead N. E. Cor. Lloyd S. W. Cor. Spring	\$ 24.55* 27.44* 63.13
Brock Ave.	S. of Acushnet Park Gate	59.73
Brooklawn Ave.	S. W. Cor. Ashley Blvd.	103.80
E. French Ave.	E. S., S. Rodney	149.88
Maxfield	S. W. Cor. Second	70.59
Middle	N. W. Cor. Water	88.01
Mt. Pleasant	S. E. Cor. Jefferson	66.79
Pearl	Ft. of Street	60.40
Sawyer	N. W. Cor. Mt. Pleasant	107.95
Shawmut Ave.	E. S., bet. Topham and Sutton W. S. bet. Topham and Sutton	55.50 55.40
Van Buren	S. S., W. Myrtle	96.45
Water	Bet. Grinnell and Howland	42.07
W. Fr'ch Ave.	W. S. Ft. Aquidneck N. E. Cor. Bayview	54.61 150.09
	W. S. 100 Ft. S. Bellevue } 2 Foot of Bellevue	157.90
	W. S., Ft. Calumet	105.94
	N. E. Cor. Calumet	108.33
	S. E. Cor. Calumet	112.56
	W. S., Ft. Capitol	100.92
	W. S., Ft. Hudson	79.38
	W. S., N. Lucas	40.41**
	W. S., Ft. Oaklawn	66.99
	N. E. Cor. Portland } S. E. Cor. Portland } 4 Foot of Portland }	304.58
	W. S., North Portland } N. E. Cor. Seymour } 3 S. E. Cor. Seymour }	201.37
	W. S., Ft. Seymour }	
		<u>\$2,554.77</u>

*Unfinished—Carried fwd. to 1923.

**Carried fwd. from 1921.

MANHOLES—NEW

Street	Location	Cost
Ashley Blvd.	Bet. Coggeshall and Cedar Grove	\$ 201.90
Buttonwood	Sq. Lake	159.38
Calumet	Ft. W. French Ave.	43.17
David	Bet. Roosevelt and Ashley	124.74
Howard	Sq. Coggeshall	315.04
Howland	Sq. Prospect	97.72
Mt. Pleasant	North of Duriee	139.92
Water	Sq. Spring	62.57
W. Fr'ch Ave.	Ft. Aquidneck	68.95
	W. S., Ft. Oaklawn	23.88
Woodlawn	E. of W. French Ave.	97.22
		<hr/> \$1,334.49
*Mechanics Le.		

*See Account of Mechanics Lane Sewer

Garbage Collection

GARBAGE COLLECTION.

Appropriation	\$62,000.00
Expenditures	61,979.14
<hr/>	
Balance to transfer	\$ 20.86
Collecting	\$56,716.79
Maintenance of Equipment	5,262.35
<hr/>	
	\$61,979.14

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

April 12, 1923.

Received, ordered printed in City Documents and sent
down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

April 12, 1923.

Concurred.

HAROLD WINSLOW,

Clerk.

CITY OF NEW BEDFORD, MASS.

Fifty-Third Annual Report

OF THE

NEW BEDFORD WATER BOARD

TO THE

CITY COUNCIL

CONTAINING

I

THE REPORT OF THE WATER BOARD FOR 1922.

II

THE REPORT OF THE WATER REGISTRAR

III

THE REPORT OF THE SUPERINTENDENT

January 1, 1923.

NEW BEDFORD, MASS.

A. E. COFFIN PRESS, PRINTERS,

1923

NEW BEDFORD WATER BOARD

1923.

WALTER H. B. REMINGTON..	(Mayor of City and President of Water Board
ROBERT L. BAYLIES.....	President of Common Council
HERBERT E. CUSHMAN.....	Term expires June, 1923
WILLIAM H. PITMAN.....	Term expires June 1924
FREDERIC H. TABER.....	Term expires June 1925

STEPHEN H. TAYLOR.....	Clerk of Board and Supt.
ELLSWORTH B. TOLMAN.....	Assistant Superintendent
CLIFFORD BAYLIES.....	Water Registrar
GEORGE F. BURGESS.....	Chief Pumping Engineer
JOHN C. DeMELLO, JR.....	Foreman, Distributing System
E. MAUDE BUTTS.....	Clerk
DOROTHY ALTMAN.....	Stenographer
WARREN TATTERSALL.....	Water Registrar's Clerk
FRANK M. HAMLIN.....	Water Registrar's Clerk
ALFRED BRADLEY.....	Water Registrar's Clerk
ARTHUR F. COLWELL.....	Inspector
THOMAS RAWCLIFFE	Inspector
LESTER F. SPOONER.....	Inspector
ROBERT G. REFUSE.....	Inspector
GEORGE HUTCHINSON.....	Inspector
WALTER GARDNER.....	Inspector
WENDELL M. HARDY.....	Inspector
PETER CARTER, JR.....	Inspector
THOMAS RAWCLIFFE, JR.....	Inspector

CITY OF NEW BEDFORD, MASS.,
OFFICE OF THE NEW BEDFORD WATER BOARD,
DECEMBER 30, 1922.

To the City Council of the City of New Bedford:

Gentlemen:—In compliance with the provisions of Section 91, of the City Ordinances, the New Bedford Water Board respectfully submits its fifty-third annual report. Accompanying it are the reports of the Superintendent and the Water Registrar.

Death has removed two of our oldest and most valued officials during the year:

ROBERT CARTER PITMAN COGGESHALL

Mr. Robert C. P. Coggeshall, who was Superintendent of the Water Works and Clerk of the Board from June 9, 1881, until April 28, 1922, when he was retired on half pay because of failing health, died on Oct. 21, 1922. Mr. Coggeshall had been in the employ of the Board for about fifty years. The following resolution, which was passed at the time of his retirement is presented here as fitting tribute to his memory:

WHEREAS, the retirement of Robert C. P. Coggeshall from the Offices of Superintendent of the New Bedford Water Works and Clerk of the Water Board, positions which he has filled with unusual ability for a period extending from 1881 to 1922, gives us an opportunity to express the esteem in which we hold him, and also our appreciation of his long and valued services; therefore be it

“RESOLVED, That we, the members of the Water Board of the City of New Bedford, take pleasure in placing upon the records of the Board our high estimation of his fidelity and ability in the conduct of the affairs of the department.

“The period of his service has been one of constant growth and expansion, including as it does the time from 1894-1899, when the construction of the enlarged system of water supply was planned and completed.

"In his retirement he leaves behind a record of efficiency and far sightedness, which has few, if any, equals in the municipal service of any community in this Commonwealth."

By his death the City loses an honorable and capable official and a good citizen.

Mr. Adoniram S. Negus, Chief Pumping Engineer since Feb. 22, 1886, died Sept. 19, 1922.

The following resolution was passed at a meeting of the Board, Oct. 7, 1922:

IN MEMORIAM
ADONIRAM STONE NEGUS

Born December 7, 1850

Died September 19, 1922

Chief Pumping Engineer of the New Bedford Water Works from February 17, 1886 to September 19, 1922.

"WHEREAS: in the death of

ADONIRAM STONE NEGUS

the Board has lost a most efficient and faithful official, therefore be it

"RESOLVED: That in appreciation of the service which Mr. Negus has rendered this City in the discharge of his duties as Chief Pumping Engineer, we now place upon record this expression of his worth and our regard for his memory.

"He was a faithful official of the Board, and the duties devolving upon him during his thirty-six years of service were performed with intelligence and fidelity.

"The present excellent condition of the Pumping Station and water shed of our ponds remain as an enduring monument to his ability.

"RESOLVED: That these resolutions be spread upon the records of this Board and a copy be sent to the family of the deceased."

Mr. Stephen H. Taylor was elected Clerk of the Water Board and Superintendent, and Mr. George F. Burgess has been made Chief Pumping Engineer.

The following abstract drawn from the report of the Water Registrar, shows in condensed form the financial operations of the past year in connection with the present system, and the laying of the new 48-inch cast iron force main, as authorized by Chapter 232, Acts of 1921:

RECEIPTS.

Balance Dec. 1st, 1921.....		\$ 67,639.67
Receipts from water rates.....	377,217.42	
Receipts from other sources.....	30,899.13	408,116.55
	<hr/>	<hr/>
		\$475,756.22

PAYMENTS.

Management and repairs, less interest		
bonds paid and sinking funds.....	\$192,695.73	
Extension of works.....	143,877.69	
Interest paid.....	165,371.25	
Bonds paid.....	43,000.00	
Sinking funds.....	25,450.00	510,394.67
	<hr/>	<hr/>
Balance Dec. 1st, 1922. Deficit.....	\$ 34,638.45	
Additional amount diverted by auditor.....	7.29	
	<hr/>	<hr/>
		\$34,645.74

The actual outlay for construction of these works exclusive of debt, interest, management and repair account, in 1921 was.....\$4,676,910.93

Increase in 1922

Lands bought around ponds.....	\$ 1,850.00	
Power gate on Force Main.....	4,975.88	
Distribution	111,961.54	\$118,787.42
	<hr/>	<hr/>
Actual outlay to Dec. 1st, 1922.....		\$4,795,698.35

It will be noted that this shows a deficit of \$34,638.45. The demands for extension of mains and additional services caused by the increased building operations of the past two years have been unusually large. If this work is to be continued at the same rate during the present year it will be necessary to issue bonds to cover the cost of extensions.

On June 22d, Mr. Frederick H. Taber was re-elected a member of the Board by your Honorable Body for a term of three years.

Work on the new 48-inch cast iron force main has progressed, and at this date is completed with the exception of a small amount of filling over the pipe where it passes through the swamp between Morton's Corner and the Pumping Station.

The main is now in service and in case of a break in the steel main it will be possible to supply the City by pumping directly through the new main, with the High Hill Reservoir acting as a balance on the system.

Early last winter a report was submitted to the State Legislature by the State Department of Public Health, recommending the taking over, by a Commission to be created, of Assawompsett, Pocksha and Long Ponds as a reserve water supply for the cities and towns in the southeastern part of Massachusetts. This report was accompanied by a bill creating the District and Commission. Many hearings were held on this bill, all of which were attended by this board and the City Solicitor, as well as representatives of all the cities and towns in the proposed District. Considerable difference of opinion was expressed. Fall River urgently contended that Great and Little Quittacas Ponds, which were set aside for this city, under Chapter 345, Acts of 1914, should be included in the district supply. Your Board were equally urgent in contending that they should continue to be specifically reserved for New Bedford. The bill was finally referred to the next General Court and the subject will probably be a live one at the coming session of the Legislature.

It is the opinion of this Board that every effort should be made to retain exclusive control of these two ponds for New Bedford. There is sufficient water in the other ponds to furnish a reserve supply for all the cities and towns in the district for many years to come and if our present rate of growth continues, we will need to seek additional water from them before many years.

The masonry conduit which brings water from Little Quittacas Pond to the pumps is in need of repairs and cleaning. This cannot be done without shutting down the station for an extended period, or providing another intake. There is also need of additional screen area. For the above reasons a second and larger intake should be constructed this year. It is therefore recommended that bonds to the amount of \$250,000 be issued for the construction of a second and larger conduit and gate house.

In this connection it should be remembered that the Quittacas system was designed and built twenty-five years ago when the average daily consumption was about five million gallons. It was designed to provide for a consumption of about ten million gallons daily.

The average daily consumption of water for the past year was 10,792,111 gallons and for the month of November, it was 12,318,695 gallons. This means that we must be preparing for a considerable increase in the capacity of the system. The laying of the new 48-inch cast iron force main is a good start. This should eventually be extended to High Hill Reservoir, as the water is improved in quality by storage there. The second intake, which is proposed to lay this year, will furnish an ample supply to the pumps. Within a very few years, however, additional pumping capacity should be provided.

There are at present two steam pumps, each of ten million gallons daily capacity and an electrically driven centrifugal pump of six million gallons daily capacity. These are

all in first-class condition. The steam pumps are the most economical when run singly, and one should always be held in reserve in case of accident to the other. The six million gallon electric pump is a good auxiliary, but besides being considerably more expensive to operate, there is more or less interruption in the operating current. This interruption is due to the fact that it is brought twelve miles by wire, the greater part of the distance being overhead on poles and is subject to interference by electric storms, falling trees, etc. An additional steam driven unit of about twenty million gallons capacity should be installed within a few years.

For the protection of the purity of the water supply in the Quittacas Ponds two pieces of property have been purchased under the authority of your Honorable Body, as follows:

Town of	Bought of	Area	Cost
Rochester	Patience Gerrish	1 acre with bldgs.	\$1,500
Freetown	John M. Edwards	about 6 acres	350

The demands made upon the department by building operations have been very heavy. One hundred petitions for main pipe have been received, ninety-three of which were granted, and 6.98 miles of pipe added to the system.

Seven hundred fifty-two services have been added. This is the largest number ever laid in one year.

In view of the coal strike which occurred in April, it was deemed wise to fill the coal shed at the Quittacas Pumping Station at that time instead of in June, as provided by City Ordinance. At the suggestion of the Board, the Fuel Committee of your Honorable Body placed a contract early in April with David Duff & Son for 1,500 tons of Pocahontas coal at \$7 per ton, f. o. b. New Bedford. This was delivered promptly and resulted in a considerable saving in cost, as well as assuring a supply of coal to keep up pumping operations.

The house owned by this department on the west side of the Middleboro Road, near the Chief Engineer's residence, has been rented to the State Police Department for one dollar (\$1.00) per year. In return for this low rental the State Police Department furnish complete daily patrol of the property of the City. This patrol is now being made with beneficial results.

The following are the principal contracts which have been made during the year:

Date 1921	Contractor	Supply	Consideration
Nov. 30	National Meter Co.	Meters and straight connections	$\frac{5}{8}$ " meter \$12.00 $\frac{3}{4}$ " meter \$18.00 2" meter \$75.00 $\frac{5}{8}$ " connections 60c per set $\frac{3}{4}$ " connections 90c per set.
Dec. 21	Squire S. Davis Co.	Exchange of touring car	\$1,618.00
Dec. 21	Stephen D. Pierce	$\frac{3}{4}$ -ton Truck	1,124.00
Dec. 21	Auto Selling & Supply	2-ton Truck	4,000.00
Dec. 28	Chadwick-Boston Lead Co.	Lead pipe	\$6.73 per cwt.
Dec. 28	Fairhaven Iron Foundry	Iron Castings	Stop-boxes complete, 10c per lb. Round gates boxes, offsets, plugs, risers, & manhole frames & covers, 5c per lb.
Dec. 30	U. S. C. I. Pipe & Fdy. Co.	Cast iron pipe & special castings	12-in., \$43.40 per ton 8-in., 43.40 per ton 6-in., 43.40 per ton 2-in., 97.40 per ton Special castings, \$104.40 per ton.
1922			
Jan. 16	Darling Valve & Mfg. Co.	Hydrants and Gates	Hydrants, \$53.50 ea. 16" gates \$209.00 each 12" gates \$71.60 each 10" gates \$56.60 each 8" gates \$37.55 each 6" gates \$23.75 each
Feb. 7	A. E. Coffin Press	Printing report	\$342.50
April 8	Charles C. Whitman	Railroad ties	8 ft. ties, \$1.20 ea. Switch ties, \$58 per M. board measure
June 12	Chadwick-Boston Lead Co.	Lead pipe	\$7.34 per cwt.
July 11	U. S. C. I. Pipe & Fdy. Co.	Cast iron pipe	8-in., \$54.20 per ton

The following contracts have been executed in connection with the laying of the new 48-inch cast iron force main:

July 7, 1922, W. L. Reynolds for oak sticks @ 9c per ft.

July 8, 1922, Leadite Company for Leadite @ \$9.80 per cwt.

Respectfully submitted,

WALTER H. B. REMINGTON,

GEORGE G. SYLVIA,

H. E. CUSHMAN,

WM. H. PITMAN,

FREDERIC H. TABER,

New Bedford Water Board.

REPORT OF THE WATER REGISTRAR.

CITY OF NEW BEDFORD,
WATER REGISTRAR'S OFFICE,
DECEMBER 1, 1922.

To the New Bedford Water Board:

GENTLEMEN:—I herewith present to you a detailed statement of the receipts and expenditures of the Water Works Department for the year ending at this date.

RECEIPTS.

Balance Dec. 1, 1921,			\$67,639.67
Receipts for water:			
Rates:			
Domestic meters,	\$207,718.39		
Domestic estimated,	20.79		
Building purposes,	1,824.69		
Meter rentals,	13,284.30		
Total Domestic,	\$222,848.17		
Manufacturing meters,	154,369.25	377,217.42	
Services,	\$ 10,091.35		
Mains,	11,207.95		
Meters,	3,242.49		
Mill piping,	548.48		
Lands, etc.,	591.45		
Forestry,	3,507.09		
Workshop,	379.36		
Sealing mill fixtures,	405.39		
Maintenance of horses,	34.18		
Quittacas pumping station,	73.73		
Fines,	111.00		
Railroad,	20.00		
High Hill Reservoir,	22.00		
Miscellaneous,	307.33		
Accident account,	357.33	30,899.13	408,116.55
			\$475,756.22
Expenditures for the year ending Dec. 1, 1922,			\$510,394.67
Balance (deficit) Dec. 1, 1922,			\$34,638.45
Plus amount diverted from Water Works funds			
by City Auditor,			7.29
Balance for year (deficit) Dec. 1, 1922,			\$34,645.74

EXPENDITURES.

Management and repairs :

Superintendent's Dept., salaries,	\$17,002.21	
Water Registrar's Dept., salaries,	25,435.06	
Printing, stationery, advertising, postage and office supplies,	2,887.29	
Traveling expenses, express, telephone and telegraph,	1,115.44	

Quittacas Pumping Station :

Salaries and labor,	\$25,069.44	
Fuel,	12,733.80	
Oil, waste, packing and lighting,	1,074.89	
Tools and other supplies,	2,763.45	
Repairs of steam engines,	2.58	
Repairs of boilers,	304.99	
Repairs of centrifugal pump and motor,	95.53	
Electric current, centrifugal pump,	5,782.65	
Other repairs,	54.82	
Buildings and grounds,	2,010.17	
Miscellaneous,	2,360.47	52,252.79

Quittacas supply :

Quittacas ponds,	1,289.03	
Lands and forestry operations,	26,573.19	
Engineer's house and barn,	253.90	
Railroad,	2,827.08	
48-inch steel force main,	259.00	
High Hill Reservoir,	1,145.55	32,347.75

Mains :

Pipe,	\$1,088.44	
Stop gates,	755.49	
Hydrants,	1,284.38	
Flushing and inspecting,	1,112.72	
Street Dept., repairing streets,	983.47	
Miscellaneous,	42.39	5,266.89

Services :

Repairing and removing,	\$ 988.50	
Renewing and driving stop boxes,	1,016.78	
Cleaning stops, taps and pipe,	384.22	
Street Dept., repairing streets,	193.35	
Water cart and car sprinkler hydrants,	19.42	
Sealing and inspecting fixtures,	673.47	3,275.74
Fountains :		68.43
Meters :		10,174.69

General Maintenance :

Horses, carriages and automobiles,	23,127.53	
Labor at workshop,	8,399.35	
Materials at workshop,	502.76	
Fuel, lighting and power at workshop,	1,238.68	
Repairs workshop, buildings and pipe yard,	133.78	
Miscellaneous,	1,363.01	
Standpipe and lot,	10.79	

Acushnet Supply :

Storing reservoir and surroundings and dry swamp ditch,	\$ 950.47		
Receiving reservoir, pump well and Purchase St. station,	1,844.94		
Mt. Pleasant reservoir,	1,162.87	3,958.28	
Industrial accident account :		693.00	
Taxes and insurance :		2,458.59	
Legislative hearings :		216.65	
Pension account :		766.84	
		<hr/>	
		\$192,695.73	

Public debt :

Interest paid,	\$105,371.25		
Bonds paid,	43,000.00		
Sinking funds,	25,450.00	173,821.25	\$366,516.98
	<hr/>	<hr/>	

EXTENSIONS.

Mains :

Main pipe and special castings,	\$44,748.03		
Stop gates,	4,483.27		
Hydrants,	4,479.00		
Lead and gasket,	431.07		
Tools,	6,509.36		
All other supplies,	3,522.67		
Freight and carting,	3.10		
Labor,	31,824.80	96,001.30	

Services :

Pipe,	\$ 6,759.02		
Taps and stops,	4,122.64		
All other supplies,	2,515.03		
Labor,	11,957.88		
Plumbing,	1,524.01		
Street Dept., repairing streets,	2,519.33	29,397.91	

Meters :

Cost of meters,	10,114.88		
Cost of setting,	1,037.27	11,152.15	
Mill piping :		500.45	
Lands bought around ponds :		1,850.00	
Power gate on force main :		4,975.88	143,877.69
	<hr/>	<hr/>	

Total expenditures for the year, \$ 510,394.67

Whole outlay on the works to this date, \$11,469,802.32

Balance Dec. 1, 1922 (deficit) \$34,645.74

EXPENDITURES FROM THE BEGINNING OF THE
WORKS.

	Payments	Credits	Net
Acushnet Supply :			
Dry swamp ditch and land	\$23,503.76	\$	\$ 23,503.76
Acushnet storing reservoir,	61,470.71		61,470.71
White Homestead and land,	4,000.00		4,000.00
Dam at storing reservoir,	18,845.24		18,845.24
Conduit, lands and construction and Whelden mill property,	295,391.80	592.50	204,799.30
Purchase St. receiving reservoir,	31,959.47		31,959.47
Pump well and culvert,	16,561.41		16,561.41
Engine house lot, Purchase Street,	17,152.89		17,152.89
Engine house and coal shed,	100,771.51		100,771.51
Engines, Purchase St.	81,234.47		81,234.47
Stand pipe, Mt. Pleasant St.	6,109.93		6,109.93
Mt. Pleasant distributing reservoir,	65,292.66	2,209.76	63,082.90
	<hr/> \$ 632,293.85	\$ 2,802.26	\$ 629,491.59
Quittacas Supply :			
Lands around ponds,	\$ 140,922.09		140,922.09
Dam at Pocksha pond,	26,020.70		26,020.70
Quittacas pumping station, pump well, engines, intake, gate houses, connection between Quittacus ponds, and four boats,	372,672.73		372,672.73
Engineer's house at Lakeville, and two barns,	9,568.51		9,568.51
Telephone lines,	2,168.64		2,168.64
Railroad, locomotive and cars,	73,631.64		73,631.64
Force main, lands, power gate, etc.,	382,367.32		382,367.32
High Hill Reservoir,	181,405.06		181,405.06
Asst. Chief Engineer's house,	7,521.19		7,521.19
	<hr/> \$ 1,196,277.88		\$ 1,196,277.88
Distribution and other items :			
Mains, services, hydrants, meters and mill piping,	3,643,632.87	798,098.33	2,845,534.54
Old work shop and land North Water St.,	6,498.75	6,498.75	
Management and repairs,	2,990,570.74	127,056.63	2,863,514.11
	<hr/> \$ 6,766,097.95	\$932,654.96	\$ 5,833,442.99

Interest,	\$1,413,400.64		
Bonds paid,	710,000.00		
Sinking funds,	751,732.00	2,875,132.64	2,875,132.64
Acushnet Supply,		632,293.85	2,802.26
Quittacas Supply,		1,196,277.88	1,196,277.88
Distribution and other items,		6,766,097.95	932,654.96
		<hr/>	<hr/>
		\$11,469,802.32	\$935,457.22
			\$10,534,345.10

The receipts from the commencement of the works have been as follows:

Appropriations by City Council, 1888, and previous,		\$ 1,038,000.00	
Further supply,		1,316,639.60	
Duplicate supply main, 1910,		250,836.65	
Special extensions, 1911,		151,391.78	
Special extensions, 1912,		161,019.78	
Receipts for water,	\$ 7,650,302.27		
Receipts from other sources,	935,457.22	8,585,759.49	
		<hr/>	
		\$11,503,647.30	
Less used by City Council, 1913,	38,483.43		
Less used by City Council, 1918,	30,000.00		
Amount diverted by City Auditor, 1922,	7.29	68,490.72	
		<hr/>	
		\$11,435,156.58	
Deduct total outlay,		11,469,802.32	
		<hr/>	
Balance (deficit) Dec. 1, 1922,		\$34,645.74	
Outlay,	\$11,469,802.32		
Less credits,	935,457.22	10,534,345.10	
		<hr/>	
Management and repairs,	2,990,570.74		
Less credits,	127,056.63		
	<hr/>		
	\$ 2,863,514.11		
Interest paid,	\$1,413,400.64		
Bonds paid,	710,000.00		
Sinking funds,	751,732.00	2,875,132.64	5,738,646.75
		<hr/>	
Actual cost of works, not including last two bond issues,		\$4,795,698.35	
Water receipts,		7,650,302.27	
Deduct management and repairs, debt, interest and sinking funds,	5,738,646.75		
Amount used by City Council,	68,483.43		
Amount diverted by auditor,	7.29	5,807,137.47	
		<hr/>	
Water receipts applied to construction,		\$1,843,164.80	

The funds for the construction of these works have been derived from the following sources:

Investment of Sylvia Ann Howland water request,	\$ 100,000.00
Sylvia Ann Howland educational bequest,	100,000.00
Received from sale of bonds 1888, and previous,	815,000.00
Appropriation for construction in 1885,	23,000.00
Net receipts applied to construction,	1,843,164.80
Net proceeds of Further Supply bonds,	1,316,639.60
Net proceeds of Duplicate Supply main bonds, 1910,	250,836.65
Net proceeds of Special Extension bonds, 1911,	151,391.78
Net proceeds of Special Extension bonds, 1912,	161,019.78
	<hr/>
Balance (deficit) Dec. 1, 1922,	\$4,761,052.61
	34,645.74
	<hr/>
Net cost of works,	\$4,795,698.35

The water debt to date is as follows:

Under sinking funds:	
Water bonds 4 per cent.,	\$ 120,000.00
Water bonds 4 per cent.,	1,200,000.00
Water bonds 3½ per cent.,	48,000.00
Under annual payments:	
Water bonds, 4 per cent. Duplicate Supply,	\$ 144,000.00
Water bonds, 4 per cent. Special Extension 1911,	95,000.00
Water bonds, 4 per cent. Special Extension in 1912,	100,000.00
Water bonds, 5¼ per cent. 48-inch cast iron force main,	483,000.00
Water bonds, 4¾ per cent. 48-inch cast iron force main,	193,000.00
	<hr/>
	\$2,383,000.00

Less sinking funds in City Treasury:

No. 23	\$120,000 bonds due		
	April 1, 1924,	\$ 120,000.00	
No. 24	<div style="display: inline-block; vertical-align: middle;"> <div style="display: inline-block; vertical-align: middle;"> <div style="display: inline-block; vertical-align: middle;"> 200,000 bonds due Dec. 15, 1924, 400,000 bonds due April 1, 1926, 600,000 bonds due Jan. 1, 1927. </div> </div> </div>	1,173,275.50	
No. 38	48,000 bonds due		
	June 1, 1930,	46,599.40	1,339,874.90

Net water debt, Dec. 1, 1922,	<hr/>	\$1,043,125.10
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Water receipts in 1921, \$346,799.64

Water receipts in 1922, 377,217.42

Increase in 1922,	<hr/>	\$30,417.78
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Received from City Departments:

Water rates, \$11,630.13

Miscellaneous, 1,545.63

Receipts and expenditures on account of the 48-inch cast iron force main, from Quittacus pumping station to the City, Dec. 1, 1922, are as follows:

RECEIPTS.

Proceeds of sale of bonds,	\$700,000.00
N. Y., N. H. & H. R. R. Co. over charge returned,	5.17
Labor charge, should have been charged to regular account	152.50
Labor on lands, should have been charged regular account,	74.97
	<hr/>
	\$700,232.64

PAYMENTS.

1	Pipe and special castings,	\$449,326.84	
2	Gates, check valves and air valves,	19,902.26	
3	Hydrants,	386.40	
4	Leadite, lead and gasket,	9,914.17	
5	Tools,	28,695.89	
7A	Labor laying pipe,	104,632.81	
7B	Unloading and distributing pipe,	6,906.52	
7C	Watchman,	414.41	
7D	Tools,	1,574.48	
7E	Connection at Beaver Dam,	22.07	
7F	Miscellaneous (preliminary work)	603.78	
8A	Standpipe, contract and materials,	7,901.31	
8B	Lot and clearing,	1,486.16	
8C	Foundation,	1,250.87	
8D	Carting,	256.96	
8E	Inspection,	843.62	
8F	Connections and services,	340.59	
9	Fuel, oil, grease, etc.,	7,067.41	
10	Lumber,	4,812.25	
11	Engineering,	1,179.76	
12	Traveling, telephone, telegraph, etc.,	465.75	
13	Repairing road,	8,649.33	
14	Printing and stationery,	100.84	
15	Miscellaneous,	2,892.94	
16	Accident account,	716.90	
17	Connection to steel force main,	1,449.79	661,794.11
		<hr/>	<hr/>
			\$38,438.53
	Less amount diverted by Auditor,		17.84
			<hr/>
	Amount unexpended at this date,		\$38,420.69

Respectfully submitted,

CLIFFORD BAYLIES,

Water Registrar.

REPORT OF SUPERINTENDENT.

NEW BEDFORD WATER WORKS,
SUPERINTENDENT'S OFFICE,
DECEMBER 1, 1922.

To the New Bedford Water Board:

GENTLEMEN:—The fifty-third annual report of the Superintendent for the year ending Nov. 30, 1922, is herewith respectfully submitted.

Through the courtesy of Mr. N. H. Goodnough, Chief Engineer of the State Department of Health, the results of chemical examinations of samples of water taken at various locations is herewith given. These show that the quality of water continues to be excellent.

Copies of the rainfall records at Little Quittacas Pumping Station and at Long Plain storing reservoir appear upon the following pages, as well as various tables showing in detail the work of the department, consumption of water, etc.:

RAINFALL AT QUITTACAS STATION, 1922

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1			.90									.02
2		.77	.64	.23		.13		.05				
3	.02					.21	.07		.73			
4	.03				1.33		.55		.19			.14
5	.02		.78		1.57	.05	.97					.10
6		.31				.28			.35		.27	
7		.08	.81		.02			.38		.63	.04	.21
8	.02			.21				.50		.18	.14	.10
9		.15								.29		
10				.13				.31		.98		
11	1.67	.05	.41	.32		.29		.02	.06	.32		.13
12		.16						.35	.60			
13							.22					
14	.03									.13		.58
15		.02		.69		.05				.08	.20	.09
16		1.24								.01		
17				.26	.15	.44						.61
18	.04				.99	2.64	.24	.24				
19	.03	.03		.12	.08	.52		1.24				
20			1.37				.13				.28	.03
21	.22					1.00						.09
22		.13					.03					.34
23						.03	2.36			.70	.05	.01
24									.01			
25					.17	.27		.15				
26								2.45				
27		.58				.23		3.53			.15	.20
28			.50			.10	.36	2.15				.82
29	.04											
30												
31			1.04									
Totals	2.12	3.52	6.45	1.96	4.31	6.24	4.93	11.37	1.94	3.32	1.13	3.47

Total fall for year 50.76 inches.

RECORD OF RAINFALL AT LONG PLAIN, 1922.

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1				1.30								.24
2		.70				.13		.70				
3						.21	.35					
4	.10				.95				.80			
5			.78		2.05	.05	.25					.26
6						.28			.24		.28	
7			.63	.17								
8								.26		.80	.19	.34
9								.18		.30		
10		.20	.28	.12				.26		.38		
11	.70	.15	.08	.33		.29				1.08		
12								.36	.73	.24		.14
13							.17					
14												
15		1.15		.70		.05				.12	.22	.73
16		.85										
17	.04			.23	.15	.44						.69
18					.99	2.64		.30				
19				.10	.08	.52	.15	.40				
20			1.28								.25	
21	.36					1.00						
22												
23						.03	3.45					.29
24										.70		
25					.17	.27		.05				
26								2.22				
27		.45	.48			.23		2.96				1.10
28						.10	.20	1.96				
29	.10											
30												
31												
Totals	1.30	3.50	3.53	2.95	*4.39	*6.24	4.57	9.65	1.77	3.62	.94	3.79

*Estimated May 5th through June.

Total fall for year 46.25 inches.

WATER ANALYSIS—STATE BOARD OF HEALTH.
PARTS IN 100,000.

WATER REPORT.

Number	Date of Collection	APPEARANCE			RESIDUE ON EVAPORATION				AMMONIA			Chlorine	Hardness	Iron
		Turbidity	Sediment	Color	Total	Loss on Ignition	Fixed	Free	Albuminoid					
									Total	In solution	In suspension			
162172*	Jan. 24	None	V. slight	58	4.40	2.40	2.00	.0020	.0118	.0038	.0020	.49	1.0	.040
162550*	Feb. 22	V. slight	V. slight	49	3.70	1.95	1.75	.0006	.0128	.0118	.0010	.39	0.5	.006
162989*	Mar. 22	V. slight	V. slight	52	4.90	1.80	3.10	.0004	.0112	.0086	.0026	.32	1.4	.015
163394*	Apr. 19	V. slight	V. slight	40	4.75	2.25	2.50	.0006	.0100	.0076	.0024	.34	1.3	.015
163805*	May 16	V. slight	V. slight	52	3.90	2.25	1.65	.0030	.0100	.0071	.0026	.46	0.6	.025
163806‡	May 16	V. slight	V. slight	50	3.85	1.95	1.90	.0023	.0012	.0106	.0006	.44	0.5	.012
161272*	June 19	V. slight	V. slight	47	3.40	1.50	1.90	.0020	.0114	.0100	.0014	.48	0.3	.018
161273‡	June 19	V. slight	V. slight	40	3.55	2.10	1.45	.0020	.0110	.0038	.0012	.46	0.3	.015
164925*	July 18	None	None	44	4.05	2.20	1.85	.0036	.0124	.0114	.0010	.48	0.6	.010
164926‡	July 18	V. slight	slight	50	3.90	1.85	2.05	.0012	.0110	.0108	.0002	.46	0.8	.018
165305*	Aug. 21	None	V. slight	45	4.90	2.10	2.80	.0020	.0160	.0140	.0020	.52	0.8	.013
165306‡	Aug. 21	V. slight	slight	48	3.50	1.75	1.75	.0026	.0172	.0144	.0028	.52	0.8	.023
166362*	Sept. 25	V. slight	None	62				.0008	.0102	.0088	.0014	.46	0.8	.015
166363‡	Sept. 25	V. slight	V. slight	70				.0006	.0132	.0096	.0034	.48	0.8	.030
167927*	Oct. 30	V. slight	V. slight	61	4.75	2.20	2.55	.0030	.0142	.0136	.0006	.48	0.6	.015
167463*	Nov. 6	None	V. slight	60	3.35	1.35	2.00	.0040	.0126	.0112	.0014	.48	0.8	.013

These samples were collected from
Great Quittacas Pond.
*Surface ‡Bottom.

Scale of Color—0—Colorless.
1—Yellowish brown tint.
2—Deep yellowish brown tint.

WATER ANALYSIS—STATE BOARD OF HEALTH. PARTS IN 100,000.

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WATER REPORT.

Number	Date of Collection	APPEARANCE			RESIDUE ON EVAPORATION			AMMONIA			Chlorine	Hardness	Iron	
		Turbidity	Sediment	Color	Total	Loss on Ignition	Fixed	Free	Albuminoid					
									Total	In solution				In suspension
162171*	Jan. 24	None	V. slight	.40	5.25	1.90	3.35	.0014	.0140	.0114	.0026	.49	1.0	.025
162549*	Feb. 22	V. slight	V. slight	.36	4.29	1.70	2.50	.0006	.0102			.46	1.1	.022
162990*	Mar. 22	V. slight	V. slight	.33	5.00	2.50	2.50	.0006	.0114	.0084	.0030	.31	1.4	.012
163465*	Apr. 26	V. slight	V. slight	.32	3.05	1.20	1.85	.0012	.0102	.0092	.0010	.40	0.8	.025
163803*	May 16	V. slight	None	.35	3.75	1.85	1.90	.0020	.0108	.0102	.0006	.36	1.6	.011
163804‡	May 16	V. slight	slight	.35	3.40	1.65	1.75	.0012	.0120	.0114	.0006	.44	1.8	.015
164270*	June 19	V. slight	V. slight	.31	2.95	1.35	1.60	.0020	.0110	.0082	.0028	.38	0.3	.035
164271‡	June 19	V. slight	slight	.32	4.25	2.55	1.70	.0038	.0186	.0110	.0076	.38	0.6	.040
164927*	July 18	V. slight	V. slight	.34	3.80	1.75	2.05	.0048	.0124	.0098	.0026	.47	0.8	.020
164928‡	July 18	V. slight	V. slight	.33	3.70	1.70	2.00	.0048	.0126	.0120	.0006	.47	0.8	.018
165593*	Aug. 21	V. slight	V. slight	.33	4.30	1.55	2.75	.0028	.0128	.0114	.0014	.50	1.4	.016
165594‡	Aug. 21	V. slight	slight	.35	3.70	1.55	2.15	.0020	.0166	.0136	.0030	.48	1.0	.028
166360*	Sept. 25	V. slight	None	.36				.0014	.0102	.0098	.0004	.41	0.8	.025
166361‡	Sept. 25	V. slight	slight	.40				.0006	.0130	.0128	.0002	.41	0.8	.072
167028*	Oct. 30	V. slight	V. slight	.40	4.00	2.00	2.00	.0016	.0174	.0142	.0032	.47	0.8	.021
167462*	Nov. 16	None	V. slight	.40	3.90	2.10	1.80	.0042	.0126	.0120	.0006	.42	1.0	.021

These samples were collected from
Little Quittacas Pond.
*Surface. ‡Bottom.

Scale of Color—0—Colorless.
1—Yellowish brown tint.
2—Deep yellowish brown tint.

The principal work of the year has been on the 48-inch cast iron force main from Beaver Dam, where it was left last year, to the Quittacas Pumping Station. This work is now completed except covering a part of the line which runs through the swamp. The pipe in this section was laid on piles because of the low, swampy nature of the ground and a great deal of filling is necessary. This work is now in progress and nearly completed. Gravel is obtained from our own property on the water shed where the haul is comparatively short.

The laying of the new line was completed and water turned into the new main on October 26th, at which time the main was slowly filled and tested. No leaks of any importance occurred.

On November 7th, pumping through the old steel main was stopped and the pipe emptied from Beaver Dam to the Pumping Station, preparatory to making the cross-over connections between the old and new mains. This connection necessitated the removal of 82 ft. of the steel main and replacing same with the necessary branches and gates to control the flow. The steel main was cut on November 8th at 8 A. M., and on the 10th at 6:45 P. M., the connections were completed and pumping through the old main resumed.

During these three days the supply to the city was partly maintained by the six million gallon centrifugal pump, working through the new main, the balance being supplied from High Hill Reservoir. The water level in the reservoir was lowered 7.8 ft. or nearly one-half of its capacity while this work was in progress.

The cross connections are so arranged and controlled as to allow the operation of any pump through either or both mains, and a 48-inch plugged end is left for any future pump connections which may be needed. It is now possible to pump all water either through High Hill Reservoir or directly to the City with the reservoir making up the difference between pumpage and consumption.

The total cost of this work from the connection with the 36-inch main near the New Bedford-Freetown line to the Pumping Station including all cross connections was as follows:

COST OF 48-INCH MAIN LAID IN 1921-1922.

Class "B," "C," "D," N. E. W. W. A.

Pipe @ \$46.50 per ton, 18,813 ft.

Specials @ \$130.00 per ton.

	Total	per ft.
Pipe and specials,	\$326,096.04	\$17.33
Gates, hydrants and checks,	12,975.46	.69
Leadite and gasket,	6,364.32	.34
*Tools,	28,677.80	*1.52
Labor (see sub-division),	81,014.09	4.31
Fuel, oil and grease, etc.,	6,737.07	.36
Lumber,	4,309.35	.23
Consulting Engineering,	1,179.76	.06
Replacing road surface,	8,649.33	.46
Miscellaneous expense:		
Traveling, telephone, telegraph,		
printing, accident, etc.,	5,272.72	.28
	<hr/> \$481,275.94	<hr/> \$25.58

*Includes new tools purchased which are still in good condition to the value of \$18,940.05, or about \$1.00 per ft.

Labor may be divided as follows:—

	Total	per ft.
Excavating, laying, backfilling and grading,	\$71,492.83	\$3.80
Unloading and distributing pipe,	6,906.52	.37
Tools,	1,574.48	.08
Watchman,	414.41	.02
Preliminary work,	625.85	.04
	<hr/> \$81,014.09	<hr/> \$4.31

There still remains a little grading to be done on the line. Estimated cost about \$10,000.

COST OF 36-INCH MAIN.

Laid in 1920-21. 6846 ft. Class "D" N. E. W. W. A.

Pipe @ \$64.00 per ton.

Specials @ \$145.00 per ton.

	Total	per ft.
Pipe and specials,	\$121,191.85	\$17.70
Hydrants and gates,	6,052.25	.88
Leadite and gasket,	1,441.85	.21
Labor,	33,139.98	4.84
Fuel, oil, grease,	330.34	.05
Lumber,	502.90	.07
Miscellaneous,	371.59	.06
	<hr/> \$163,030.76	<hr/> \$23.81

Summary :

Cost of 48-inch steel main,	\$481,275.94	
Cost of 36-inch main,	163,030.76	
Cost of standpipe, foundation and connections,	<hr/> 12,079.51	
Surplus stock on hand,	5,407.90	\$661,794.11

WATER SHED.

The rainfall as recorded at the Quittacas Station was 50.76 inches. This is considerably above the average for the past twenty-eight years, which is 45.12 inches.

The ponds have been well filled throughout the year and water has been overflowing into Pocksha from Great Quittacas the greater part of the year. The surface of Great Quittacas has varied from elevation 51.75 on April 15th to 49.67 on December 15th. The present height is 49.86. Little Quittacas which is controlled by a regulated flow through a six-foot masonry conduit from Great Quittacas has varied from 50.49 on August 28th, to 46.92 on October 24th. The present height is 49.60. The level of Little Quittacas was kept low the latter part of the season to facilitate the work on the new 48-inch cast iron force main.

The screen in the intake gate house which was in bad condition has been renewed. The conduit connecting the gate and screen house with the pump well in front of the Pumping Station was emptied and examined while the new screen was being installed. There is considerable vegetable and spongy growth on the inside of this conduit. The examination also shows a crack which needs repairs near the outer end. This cannot be done until other provision is made for conducting the water from the pond into the pump well.

For this reason, as well as the fact that additional screen area is needed on account of the increased rate of pumpage, I would urge upon you the necessity of providing a new and larger intake during the coming season. Mention of this necessity has been made in the last few reports, and action should not be longer postponed.

Two small additional properties have been purchased, but there is still considerable area of our water shed which we should own, particularly on Black Brook, as has been mentioned in previous reports.

Forestry work on the water shed is in continuous progress. Thirty thousand white, red and Scotch pines were purchased from the State Forestry Department and set out on the land which has recently been cleared.

Under an agreement with this Board the State Police are daily patrolling our property, as well as this whole section of the State. This helps materially in keeping our water shed free from pollution. It will also reduce the chances of fires getting under way, and be of great assistance generally in maintaining desirable conditions in the vicinity of the ponds, as well as throughout this part of the State.

QUITTACAS PUMPING STATION.

The department has suffered a great loss in the death of Mr. A. S. Negus, who has been Chief Pumping Engineer since Feb. 22, 1886. His successor, Mr. George F. Burgess,

however, is maintaining the same excellent standard of neatness and efficiency. The pumps and boilers continue to give good service with only minor repairs. Last year a part of the economizer was renewed and this year, renewal of the remaining part has been started. This will put this piece of apparatus in first-class condition, and no further repairs should be needed for some time to come.

The average consumption for the year was 10,792,411 gallons, and for the past month 12,318,695 gallons. This requires that one ten-million-gallon steam pump be run constantly and the six-million-gallon centrifugal pump be run several days a week to keep the reservoir filled. The cost of pumping with the centrifugal pump is about double that of the steam pumps. For this reason the matter of a larger steam unit, which has been mentioned in previous reports, should be considered seriously quite soon.

RAILROAD.

The railroad connecting the Pumping Station with the main line of the N. Y. N. H. & H. R. R. at Braley's Station, which is used for the transportation of coal and heavy supplies, is in good condition. Beyond the renewal of some of the ties, no repairs of any account have been necessary.

48 INCH STEEL FORCE MAIN.

No repairs have been necessary on the 48-inch steel force main. In making the connection with the new 48-inch cast iron force main 82 ft. of this steel pipe nearest the station were removed. This afforded another opportunity for an examination of this pipe. It was in a gravelly soil and has been in service twenty-three years. Its condition was very similar to the piece described in the report of last year. There was considerable vegetable and spongy growth on the inside, also some blisters and pitting. Less than one-third of the area is pitted and the depth of pitting is from 1-16 in.

to 3-16-in. The same condition exists here as was reported last year; i. e. the pittings of larger area are of less depth than those of smaller areas. The outside is in perfect condition and the original coating mostly intact. I would repeat the statement made last year, "assuming that the whole steel main is in similar condition, we may expect about ten or fifteen years more service from this pipe. Before this time a new main should be laid from the 48-inch cast iron main at Beaver Dam to High Hill Reservoir to be ready for use when the steel main gives out."

The report of Mr. William R. Conard, who made an examination of the pipe is herewith presented:

"After the lapse of another year, I have again had opportunity to make some examination of the 48-inch steel force main; this time a section of about 80 ft. of pipe cut from the line immediately adjacent to the Pumping Station to make room for the cross connections at this point with the new 48-inch cast iron main.

"This allowed for the examination of approximately 1,000 square feet of surface both inner and outer, at an important part of the line. The pitting on the interior is not as frequent as at the section examined last year, at Middleboro Road and Beaver Dam, but for pits of similar area the depth of the pits were found mostly greater, running from $1/16$ " to $3/16$ " in depth with an average of $1/10$ " to $1/8$ " and mostly of about $1/2$ " to $3/4$ " diameter.

"On two of the plates on the end of the section nearest to where it connected with the cast iron mains coming from the pumps the corrosion was considerable over about $1/3$ the area of the plates, but did not go to any great depth, averaging around $1/16$ ".

It is to be noted that at this end of the line there is a considerable deposit of silt and corroded material, fresh water sponges and water blisters apparently composed most of silt and iron oxide, but it was curious to note that under but few

of these water blisters was there evidence of corrosion, and practically no pitting. This deposit apparently extends up the line for some distance, and probably induces considerable loss of head, but how much could only be determined by careful tests. Just as with the tuberculating further up the line it appears unwise to disturb this deposit at this time, as to do so would probably accelerate the corrosion and bring about a worse condition than now prevails. Some attempt was made to take some putty and plaster impressions of the pittings and corroded spots, but these were not particularly successful, though they are submitted for your examination as illustrating the character of the deterioration of the inside of the pipe.

The outside of the pipe here appears in the same excellent condition, as reported last year, and I can but repeat that it is not the outside of the pipe, but the inside that needs to be watched for trouble except this:

"Where the line crosses what is known as Bolton Cedar Swamp where the soil has probably a high acid content, it is possible that some of the acids will have acted adversely on the outside, and I believe that it might be well worth your while to have the outside exposed in places along this section to see whether there is evidence of corroding influences. If this is done it might be well also to look at the interior, though not for any great distance.

"The conditions as noted of the interior of the pipe showing pittings from 40 to as high as 50 per cent. of the thickness of the pipe prompts me to say the same as last year, the line is probably good for several years to come before the upkeep cost is likely to be cause for concern, but sight must not be lost of the fact that another year has elapsed, and that with a force no larger than the one that has just finished the $3\frac{1}{2}$ miles of cast iron main, it would take at least three seasons' work to continue this line from

Beaver Dam to High Hill Reservoir, and that more or less time would be necessary to get the necessary authority and arrange the financing and it would seem the part of wisdom to place upon your program for the comparatively near future the taking of the steps to carry through the installation of this line, thereby putting your system in such shape so that you can turn the steel pipe from its service as the main force line to an auxiliary line. There is also another phase of the matter to consider: namely, that I believe that it is within the range of possibility to, by carefully going over the interior of the steel line and cleaning it thoroughly and putting on a protective coating, which should be made a matter of some careful studies, that the line can be placed in such shape that it would not be necessary to give thought to its replacement for a long period of time, and that the expense of doing this would be fully justified, as it should be but a fraction of replacement cost. The time to do this, if it is to be done, should be within a few years rather than to wait until the line begins to be an expense for keeping it up."

HIGH HILL RESERVOIR.

This reservoir has remained in good condition and no repairs have been found necessary. The usual crop of hay was cut from the banks and surrounding grounds.

ACUSHNET SYSTEM.

All parts of the old system have been kept in good condition and it is ready for use should occasion require. Minor repairs have been made to the dwelling house at "Ansel White Dam." The Mt. Pleasant Reservoir has been emptied, cleaned and refilled. The fences around this reservoir and the Purchase St. Pumping Station are, as reported last year, beyond ordinary repairs and should be renewed.

DISTRIBUTING SYSTEM.

The calls for extension of the distributing system to keep pace with the growth of the city have been unusually large. Thirty-eight thousand and seventy-eight feet of main pipe and 759 services have been laid. The main pipe extensions were mostly in response to petitions; although some were laid under streets to be resurfaced in order to avoid disturbing the new surface.

Two unusually large breaks in main pipes have occurred. On June 12th, the 10-inch main in Water St. near the south side of North St., burst, due to electrolysis. A piece about 18" long and 6" wide in the widest part blew out. A section of pipe about 4 ft. long was found to be badly pitted and showed the usual signs of electrolysis action. An electrolytic survey of the main was made and while there was no evidence of serious leakage of current, proper steps were taken by the Union Street Railway Co. to eliminate the slight defects that were found. Frequent electrolytic surveys will be made hereafter in an effort to forestall similar trouble.

On Sept. 17th, a 36"x16" tapping sleeve, which was installed in 1920, split its entire length, opening up about two inches. The cause is difficult to determine. The joint was made by pouring the space between the sleeve and pipe solid full of leadite. It is a question whether the break was caused by the expansion of so large a body of leadite or by defective metal in the casting. Experiments are being made which may throw more light on the subject. A great many hydrants have been broken off by automobiles. This is becoming a more and more serious problem, particularly when the hydrant is of the old non-compression type, involving a great loss of water as well as the necessity of shutting off the water in several blocks, while replacement is being made. The hydrants now being placed are of more rugged construction and of a design which does not waste so much water when broken. They are also more easily repaired.

There have been twenty-three leaks upon the mains the past year as herewith shown:

Date	Size	Location	Cause	Cost
1921				
Dec. 17	12"	East French Ave., south of Butler	Joint started	\$ 8.8
19	24"	Purchase St., 300 ft. north of Coggeshall	Pipe cracked	294.9
19	6"	Opposite 218 North Second St.	Joint started	59.6
19	6"	Blackmer, west of Second	Joint started	19.9
19	8"	Park St., southwest corner Mill	Joint leaking	20.8
24	8"	Kempton St., near east line of Park	Joint started	78.6
1922				
Jan. 21	6"	North Second, south of Maxfield	Joint started	69.3
Mar. 15	2"	Fairhaven Bridge	Pipe burst	66.4
17	8"	No. Front St., 350 ft. north of Wamsutta	Joint started	21.9
25	6"	Tinkham St., opposite No. 275	" "	7.7
May 6	6"	Whitman, west of Ashley Boulevard	" "	8.3
27	8"	Matthew St., 75 ft. west of Stephen	" "	12.0
June 12	10"	North Water St., 20 ft. south of North	Pipe burst	664.3
24	8"	Elm St., west of Sixth St.	Joint started	14.4
26	6"	Acushnet Ave. and Rivet St.	" "	32.7
July 15	8"	South Front St., opposite No. 273	" "	29.3
Aug. 5	8"	Weld St., 30 ft. west of Ashley Boulevard	" "	29.6
14	8"	Kilburn St., 101 ft. west of Belleville Ave.	" "	15.4
Sept. 23	16"	Tarkiln Hill Road and Park Ave.	Tapping sleeve burst	521.9
26	6"	Mill St., opposite No. 333	Joint started	13.7
23	30"	Acushnet Ave. and Merrimac St.	" "	373.3
Oct. 28	6"	North Second St., opposite No. 222	" "	17.9
Nov. 4	12"	Belleville Ave. and Brewster St.	" "	17.9

Thirty-eight thousand, one hundred ninety-six feet of main pipe have been laid during the year and one thousand, three hundred, thirty-five feet of pipe previously laid have been removed. The total length in use is 192.6975 miles.

Ninety-eight feet of small sized distribution pipe (less than 4-inch) have been laid, and one hundred, fifty-five feet of pipe previously laid have been removed. The total length now in use is 7601 feet.

Eighty-eight new stop gates have been set and four of those previously set have been removed. The total number now in use is 2629.

Nine small sized gates have been removed. The total number now in use is 99.

Four new waste gates have been set. The total number now in use is 197.

Twenty new stop gates for private supplies have been set and one of those previously set has been removed. The total number now in use is 448.

Six new air taps have been set. The total number now in use is 202.

One new check valve has been set. The total number now in use is four.

Seventy-eight new hydrants have been set and thirty-nine of those previously set have been removed. The total number now in use is 1,689.

Four watering cart hydrants have been removed. The total number now in use is 57.

Seven hundred, fifty-nine service pipes have been laid and eleven of those previously laid have been removed. The total number now in use is 17,102.

One hundred, fifty-seven taps have been cleaned as follows: Rust, 137; trouble inside, 20.

The total number of meters set in 1922.....	597
Number removed.....	62
	<hr/>
Number to be added.....	535
Number in use Dec. 1, 1921.....	15,659
	<hr/>
Number in use Dec. 1, 1922.....	16,194

This list may be divided as follows:

Manufacturing supplies.....	268
Domestic supplies.....	15,926 16,194

THE FOLLOWING IS A LIST OF THE DIFFERENT MAKES AND SIZES OF METERS
IN COMMISSION:

MAKE	5"	3" $\frac{3}{4}$	1" $\frac{1}{2}$	1"	1 $\frac{1}{2}$ "	2"	3'	4"	6"	8'	Total
Crown	115	58		11	2	1	3	1			191
Empire	925	173		8	6	49	23	25	2		1211
Empire Compound						1	4	5	1		11
Arctic	6										6
Nash	299	69		14			1	2	2		382
Gem							3	2			5
Hersey Compound								2	1		5
Hersey Compound Proportional.								2	8	1	11
Hersey Detector											4331
Hersey Disc	3084	1154		87	2	4		1			80
Hersey rotary	50	22		5	2	14		3			17
Hersey Torrent											4
Keystone	4										113
Union Rotary	1	96		6	1	2	2	5			7250
King	5790	1245		159	4	52	9	99	1		1268
Lambert	1055	165	1	20		8					1
Thomson	1										13
Trident Compound						1	1	4	7		15
Trident Crest						4	6	4	1		256
Trident Disc	214	25		7		10					10
Watch Dog	10										1011
Worthington Disc	757	207		46		1		1	1		2
Worthington Turbine											
Totals.....	12311	3214	1	363	17	147	52	64	24	1	16194

MAINTENANCE OF METERS DURING THE YEAR 1922.

Size	Frozen	REPAIRED			CLEANED and TESTED ONLY			Total Number Repaired and Tested	Total Cost
		Other Repairs	Total Number Repaired	Cost	Average Cost per Meter	Total Number Cleaned and Tested	Cost	Average Cost per Meter	
6 -inch		7	7	73.22	10.46	1	2.35	2.35	75.57
4 -inch		10	10	296.65	29.67				296.65
3 -inch	1	2	3	92.98	30.99	1	3.90	3.90	96.88
2 -inch		30	30	228.80	7.63				228.80
1 1/2 -inch		1	1	2.60	2.60				2.60
1 -inch		42	42	218.59	7.29				218.59
3/4 -inch	18	192	210	920.77	4.38	2	4.70	2.35	925.47
5/8 -inch	104	1051	1155	4554.83	3.94	12	29.00	2.41	4583.83
Totals	123	1335	1458	6388.44		16	39.95		6428.39

Following is a complete list of the drinking fountains now in use :

1. West French Ave., at Cove St.....2 Faucets
2. Bolton St., at junction of Rivet St.....2 Faucets
3. Allen St., at junction of Dartmouth St.....2 Faucets
4. Front St., at corner of School St.....2 Faucets
5. Hathaway Rd., 1,964 ft. east of Rockdale Ave.....Horse Bowl
6. Kempton St., at junction of Mill St.....2 Faucets
7. County St., at corner of Smith St..... Nash
8. Shawmut Ave., at corner of Durfee St.....2 Faucets
9. Acushnet Ave., at junction of Weld St.....2 Faucets
10. Acushnet Ave., south of Tarkiln Hill Rd.....2 Faucets
11. No. Front St., W. side, N. of Belle Rd. 2 Faucets—1 Bubble
12. Acushnet Ave., at corner of Braley Rd.....2 Faucets

CONSUMPTION OF WATER.

1922	Monthly Consumption				Daily Average Consumption
	New Bedford	Dartmouth	Acushnet	Total	
	Gallons	Gallons	Gallons	Gallons	
January	327,474,236	1,285,500	1,426,500	330,186,236	10,651,169
February	280,480,532	1,381,500	1,101,750	282,963,782	10,105,849
March	312,166,436	1,521,000	1,237,500	314,924,936	10,158,869
April	287,337,344	1,572,000	1,065,000	289,974,344	9,665,811
May	320,313,980	1,968,750	1,122,750	323,405,480	10,432,435
June	313,027,904	2,162,250	1,100,250	316,290,404	10,543,013
July	314,973,574	2,256,000	1,047,750	318,277,324	10,267,010
August	337,599,950	2,331,750	1,047,000	340,978,700	10,999,313
September	312,954,694	2,362,072	1,100,250	316,417,016	10,547,234
October	360,380,134	2,293,080	1,003,500	363,676,714	11,731,506
November	366,354,291	2,189,573	1,017,000	369,560,864	12,318,695
December	369,162,498	2,185,500	1,116,750	372,464,748	12,014,991
Totals	3,902,225,573	23,508,975	13,386,000	3,939,120,548	
Averages				328,260,045	10,792,111

Maximum daily consumption, Nov. 14.....14,987,504 gallons

Minimum daily consumption, Aug. 27..... 6,573,956 gallons

Average daily consumption, 6 A. M. to 6 P. M. 7,166,477 gallons

Average daily consumption, 6 P. M. to 6 A. M.3,625,633 gallons

Amount of water consumed, shown on above table, includes the supplying of about

23,0369 miles of distribution pipes located in the adjoining towns of Dartmouth and Acushnet. Dartmouth supplies 3,375 consumers through 673 taps. Acushnet supplies 1,400 consumers through 265 taps.

COMPARISON OF THE CONSUMPTION OF THE YEAR 1922 WITH THE
RECORD OF THE 40 PREVIOUS YEARS.

Year	Estimated Population	Estimated number of consumers	Number of taps	Total number of gallons consumed	Average daily consumption	Gallons per day to each inhabitant	Gallons per day to each consumer	Gallons per day to each tap	Number of meters
1882	28,500	20,424	4,203	859,119,622	2,326,352	82	114	553	41
1883	30,000	22,249	4,465	849,059,700	2,326,191	78	105	521	49
1884	33,000	23,749	4,691	867,815,595	2,371,080	72	100	506	60
1885	33,700	25,375	4,965	1,049,801,050	2,876,167	85	113	579	67
1886	34,500	28,480	5,225	1,036,534,615	2,976,807	86	104	569	82
1887	36,000	30,030	5,495	1,112,302,789	3,047,404	85	101	555	102
1888	37,500	31,826	5,785	1,229,841,794	3,360,223	89	109	581	108
1889	40,000	34,000	6,104	1,310,488,214	3,590,379	90	106	588	120
1890	41,500	35,740	6,394	1,485,143,213	4,066,200	93	114	636	123
1891	45,000	38,500	6,742	1,513,161,482	4,145,643	92	108	615	135
1892	50,000	41,776	7,134	1,607,955,166	4,393,320	83	105	616	144
1893	55,000	44,158	7,531	1,824,275,536	4,998,015	99	113	664	172
1894	56,000	44,661	7,767	1,747,167,532	4,786,760	85	107	616	221
1895	56,300	46,154	8,027	1,719,830,979	4,711,866	84	102	587	254
1896	59,000	48,570	8,447	1,924,800,313	5,259,017	89	108	623	366
1897	60,000	50,000	8,860	2,071,702,478	5,675,897	95	113	641	621
1898	58,000	50,000	9,014	2,156,277,643	5,907,610	102	118	655	734
1899	58,000	50,000	9,151	2,261,115,500	6,194,837	107	124	677	1,098
1900	62,500	55,000	9,280	2,306,997,774	6,320,542	101	115	681	1,429
1901	65,000	57,000	9,447	2,150,199,262	5,890,957	91	103	624	1,566
1902	70,000	61,000	9,612	2,325,807,038	6,372,074	91	104	663	1,771
1903	72,000	62,000	9,927	2,535,280,580	6,945,974	96	112	700	1,954
1904	73,000	63,000	10,166	2,570,360,614	7,001,520	96	111	689	2,145
1905	75,000	66,000	10,477	2,586,640,683	7,093,187	95	107	677	2,434
1906	83,000	76,000	10,764	2,524,786,872	6,916,880	83	91	643	2,803
1907	88,000	81,000	11,107	2,711,824,444	7,435,572	84	91	670	3,196
1908	89,000	82,000	11,516	2,740,666,728	7,488,160	84	91	653	3,628
1909	95,000	88,000	12,043	2,727,327,230	7,472,129	79	85	621	4,572
1910	99,000	92,000	12,769	2,870,478,148	7,864,323	79	85	616	6,106
1911	102,700	96,000	13,311	2,910,369,438	7,973,615	78	83	599	8,206
1912	103,000	97,000	13,643	3,030,739,034	8,280,707	80	85	607	9,998
1913	104,000	99,000	14,055	2,832,828,204	7,761,173	75	78	552	12,340
1914	108,000	103,000	14,407	2,712,726,402	7,432,127	69	72	516	13,788
1915	110,000	107,000	14,770	2,791,655,778	7,648,372	70	71	518	14,140
1916	113,000	*111,120	*15,350	*3,122,164,926	*8,530,505	*75	*77	*556	14,481
1917	115,000	*113,485	*15,590	*3,390,054,126	*9,237,819	*81	*82	*596	14,728
1918	119,500	*118,140	*15,704	*3,562,182,920	*9,759,405	*82	*83	*621	14,852
1919	122,000	*123,290	*16,020	*3,522,543,626	*9,650,557	*78	*78	*602	15,019
1920	*131,350	*130,350	*16,546	*3,724,430,204	*10,204,055	*78	*78	*617	15,316
1921	*133,818	*133,085	*17,062	*3,454,210,228	*9,463,589	*71	*71	*554	15,659
1922	*135,775	*135,075	*18,040	*3,939,120,548	*10,792,111	*71	*80	*598	16,194

*Includes populaton supplied in towns of Dartmouth and Acushnet: 938 taps, 4775 consumers.

The consumption for the year may be divided as follows :

	Gallons	Daily Average	Per capita	% of Total
Domestic consumption (metered)	1,439,005,239	3,942,481	29	37
Manufacturing consump- tion (metered)	1,590,003,275	4,356,173	32	40
All unmetered use, leaks and unaccounted for water,	910,112,034	2,493,457	18	23
Totals	3,939,120,548	10,792,111	79	100

It will be seen that the consumption is steadily increasing; the average daily for 1922 being over a million gallons above 1921, and over a half million gallons greater than 1920, which was the largest previous year.

The average daily consumption for November, 1922, was 12,318,695 gallons. As previously stated, this means that we must be increasing our pumping capacity to care for this consumption economically.

Respectfully submitted,

STEPHEN H. TAYLOR,

Superintendent.

TABLE A.
STATEMENT OF WORK DONE BY LEAVITT ENGINE A FOR YEAR ENDING DEC. 1, 1922.
Diameter Steam Cylinder 16 $\frac{3}{4}$ and 36 $\frac{1}{4}$ in.
Diameter Pump Plungers, 13 $\frac{7}{8}$ -10 and 19 $\frac{3}{8}$ in.
Stroke of piston and pump plungers, 90 inches.
Average working steam pressure 185 lbs.
Average static head 166.26 ft.

Months	Number of days or parts of days pumping	Total pumping time		Average number of strokes per minute	Total fuel used for all purposes	Total number of gallons pumped per month, allowance being made for slipp.	Number of gallons pumped per pound of coal for total coal.	Number of gallons raised 100 ft. per lb. coal for total coal.	Average dynamic head against pump in ft. no allowance for friction in suction	Average duty in pounds raised one foot high per 100 lbs. of coal, calculated on total fuel used for all purposes. No deductions.
		H.	M.							
December	31	731	25	30.8	354,875	300,875,490	847	1546	182.63	129,136,667
January	31	744	00	31.5	360,175	312,651,036	868	1589	183.10	132,556,400
February	28	744	00	28.7	334,325	284,255,682	850	1554	182.84	129,651,505
March	31	739	10	31.5	379,950	311,074,836	818	1491	182.39	124,539,038
April	31	720	00	31.5	351,475	290,343,144	826	1521	184.15	126,868,822
May	31	743	00	32.3	386,550	320,599,080	829	1513	182.58	126,292,001
June	30	716	15	31.9	371,500	304,557,804	813	1484	182.65	123,880,696
July	31	744	00	31.0	381,250	313,750,824	822	1500	182.58	125,312,465
August	31	742	50	32.0	386,025	316,771,800	820	1498	182.75	125,070,393
September,	30	715	50	31.6	373,880	301,670,916	806	1476	183.24	123,306,946
October	31	729	45	31.8	387,950	309,365,214	797	1471	184.62	122,783,644
November	6	127	45	31.0	71,775	52,874,184	736	1356	184.27	113,211,661
Totals & Averages	342	8197	40	31.3	4,142,730	3,418,790,010	825	1510	183.07	125,999,560

The duty is based on total fuel used for all purposes. This includes lanking fires, starting, heating building, running shop engine during day and electric light engine at night. No deduction for ashes, moisture in coal or anything else.

TABLE B.

STATEMENT OF WORK DONE BY LEAVITT ENGINE B FOR YEAR ENDING DEC. 1, 1922.

Diameter Steam Cylinder 16 $\frac{3}{8}$ s and 36 $\frac{1}{4}$ in.
 Diameter Pump Plungers, 13 $\frac{7}{8}$ -10 and 19 $\frac{3}{8}$ in.
 Stroke of piston and pump plungers, 90 inches.

Average working steam pressure 185 lbs.
 Average static head 166.5 ft.

Month	Number of days or parts of days pumping	Total pumping time		Total number of strokes per month	Average number of strokes per minute	Total fuel used for all purposes		Total number of gallons pumped per month, at- tendance being made for slip	Number of gallons pumped per pound of coal for total coal	Number of gallons raised 100 ft. per lb. coal for total coal	Average dynamic head against pump in feet; no allowance for friction in suction	Average duty in pounds raised one foot high per 100 lbs. of coal, calculated on total fuel used for all purposes. No deductions
		H.	M.			Lbs.						
November	23	502	05	970,540	32.2	297,050	215,459,880	725	1307	180.31	109,074,372	
Total and averages	23	502	05	970,540	32.2	297,050	215,459,880	725	1307	180.31	109,074,372	

The duty is based on total fuel used for all purposes. This includes banking fires, starting, heating buildings, running shop engine during day and electric light engine at night. No deduction for ashes, moisture in coal or anything else.

TABLE C.

STATEMENT OF WORK DONE BY ELECTRICALLY OPERATED
DE LAVAL CENTIFUGAL PUMP C FOR THE YEAR ENDING
DECEMBER 1, 1922.

Number of revolutions per minute, 1700 to 1800
Capacity when pumping alone 24 hours, 6¼ million gallons
Capacity when pumping with one Leavitt engine, 6 million gallons
24 hours, 6 million gallons
With Little Quittacas at elevation 50, Static head, 168.33
Average dynamic head for year, 181.42

Months	Number of days or parts of days pumping	Total pumping time per month	Current used per month K. W. H.	Number of gallons pumped per month	Number of gallons pumped per K. W. H.
		H. M.			
December, 1921	7	57-40	13,000	14,410,000	1,108
January, 1922	6	74-30	16,900	19,010,000	1,124
March, 1922	1	8-00	1,800	2,005,000	1,113
May, 1922	1	10-30	2,300	2,622,000	1,140
June, 1922	2	33-10	7,500	8,415,000	1,122
July, 1922	2	21-30	4,800	5,264,000	1,094
August, 1922	6	103-30	23,200	25,681,111	1,106
September, 1922	5	56-35	17,800	19,367,000	1,088
October, 1922	11	215-40	48,200	52,272,000	1,084
November, 1922	23	419-05	91,600	99,014,000	1,080
Totals & aver.	64	999-40	227,100	248,060,000	1,092

Number of K. W. H. required to raise one million gallons into reservoir 923.56.

$$\text{Duty} = \frac{227,100}{248,060,000 \times 8.34 \times 100 \times 181.42} \text{ high per 100 K.W.H.}$$

165,268,778 lbs. raised one foot

TABLE D.
LOCATION AND SIZE OF CAST IRON MAIN PIPE LAID IN 1922.

Streets	48 in.	16 in.	12 in.	10 in.	8 in.	6 in.	4 in.	Cost
Adelaide St., from Metcalfe, west.....						111		229.96
Alford St., from Brock Ave., east.....						62		204.80
Annette St., from Brock Ave. to 162 ft. west of Fern.....					178			476.50
Arnold St., from Jonathan, east.....					468			1223.85
Arnold St., from Rockdale Ave., east.....					21			89.85
Bates St., from 318 ft. west of Acushnet Ave., west.....					349			988.73
Bates St., from 46 ft. west of Arlington, west.....					369			972.29
Bedford St., from 3 ft. west of West to 150 ft. east of Brigham						184	9	381.30
Bedford St., from Ash St. main, west.....								
Bedford St., from 9 ft. west of Ash St. main, west 3 ft. thence south 31 ft., thence west 391 ft.						425		1171.72
Belair St., from 8 ft. west of Acushnet Ave., west.....					494			1412.06
Bellevue St., from Brock Ave., east.....					630	62		186.79
Bellevue St., from 86 ft. east of Mina, east.....							351	1636.93
Birch St., from Brock Ave. to Fern.....					353			745.11
Brock St., from Query to Glennon.....								908.39
Buchanan St., from Mt. Pleasant, east.....						172		750.67
Byron St., from 109 ft. north of Allen, north.....						198		425.01
Capitol St., from 779 ft. west of Brock Ave., west.....					93			292.08
Caroline St., from Robeson, north and south.....						39		75.29
Carroll St., from Rockdale Ave. west.....						136		511.12
Carroll St., from east main to west main, Rockdale Ave.						45		102.77
Chaffee St., from Acushnet Ave., east.....					527			1287.46

TABLE D—CONTINUED.
LOCATION AND SIZE OF CAST IRON MAIN PIPE LAID IN 1922.

Streets	48 in.	16 in.	12 in.	10 in.	8 in.	6 in.	4 in.	Cost
Chaffee St., from Ashley Boulevard, west.....					765			2277.28
Church St., from 1443 ft. north of Tarkin Hill Road, north..			485					2083.63
Circuit St., from Rockdale Ave., north to connect with hydrant 435 ft. west of Bolton.....						168		489.66
Clara St., from 345 ft. east of Cleveland, east.....						318		846.89
Clara St., from East French Ave., west.....						27		263.35
Cleveland St., from Frederick, south.....					19			53.17
Cleveland St., from Frederick, north.....					32			79.58
Cleveland St., from 5 ft. north of Rodney, north.....					85			269.08
Cleveland St., from 128 ft. west of Brownell, west.....						340		817.09
Clinton St., from Reed, east.....						233		777.85
Cobb St., from Tarkin Hill Road, south.....						14		143.43
Coggeshall St., from Mt. Pleasant, west.....					4			
Coggeshall St., from 4 ft. west of Mt. Pleasant St. main, west						273		987.18
Conduit St., from Covell to Hatch.....					259			745.70
Darling St., from 158 ft. east of Ball, east.....						118		246.85
Duncan St., from 157 ft. east of Acushnet Ave., east.....						77		103.89
Dutton St., from 250 ft. east of Ashley Boulevard, east.....						83		248.71
Dutton St., from Ashley Boulevard, west.....						742		1438.78
East French Ave., from Ricketson, south.....					1505			3971.29
Elm St., from Lindsey to James.....			230					908.68
Elm St., from Reed to Rockdale Ave.			448					2211.24
Elm St., from 1 ft. east of west line, east to east line Florence			39					244.05

TABLE D—CONTINUED.
LOCATION AND SIZE OF CAST IRON MAIN PIPE LAID IN 1922.

Streets	48 in.	16 in.	12 in.	10 in.	8 in.	6 in.	4 in.	Cost
Union St., from 9.4 ft. west of Tremont west to west line Rotch				582				1753.13
Van Buren St., from Mt. Pleasant, east						27		314.57
Vernon St., Wood to Herson						285		509.14
Waldo St., Herson to Wood					128	280		506.80
West French Ave., from Hudson, south								477.44
West French Ave., from 99 ft. north of Dudley to Wood-lawn								
Wood St., from Belle Ave., west					521	120		293.93
Woodlawn St., from 135 ft. east of West French Ave. west to West French Ave.								1591.56
Force main, centrifugal pump connection (omitted 1918) ..		94						
Force main, from 58 ft. west of west line engine room, west Connection for centrifugal pump to new C. I. force main at Pumping Station	82					151		586.83
Cross connection 77 ft. west of west line engine room	73	30						
Force main, from 184 ft. east of Y branch at Middleboro Road, east to 58 ft. west of west line engine room	11792							
Totals	11947	124	1689	834	9477	13765	360	

TABLE D—CONTINUED.
LOCATION AND SIZE OF CAST IRON MAIN PIPE REMOVED IN 1921.

Streets	48-in.	6-in.	4-in.
Elm St., from west line Florence to pipe line Florence.....		14	
Frederick St., from Cleveland (north) to Cleveland (south)		104	
Lindsey St., from Court to Morgan.....			251
Lindsey St., Morgan to Elm.....			233
Morgan St., from pipe line Lindsey (north) to pipe line Lindsey (south).....			69
Union St., from 9 ft. west of Tremont, west to west line Rotch		582	
In Freetown:			
Force main, from 58 ft. west of west line engine room, west	82		
Totals	82	700	553

WATER REPORT

TABLE D—CONCLUDED.
SUMMARY.

	Steel	Cast Iron										
	48 in.	48 in.	36 in.	30 in.	24 in.	20 in.	16 in.	12 in.	10 in.	8 in.	6 in.	4 in.
Previous to 1922	42463	6970	68579	41162	9811	11310	48667	55142	74453	210316	368967	42742
Laid in 1922		11947					124	1689	834	9477	13765	360
Total laid	42463	18917	68579	41162	9811	11310	48791	56831	75287	219793	382732	43102
Removed in 1922	82										700	553
Total now in use	42381	18917	68579	41162	9811	11310	48791	56831	75287	219793	382032	42549

Total length laid in 1922.

Total length removed in 1922,

Total length of pipe in use December 1, 1922,

38,196 feet or 7.2340 miles

1,335 feet or .2528 miles

1,017,443 feet or 192.6975 miles

TABLE E.
LOCATION AND SIZE OF SMALL SIZED DISTRIBUTING PIPE
LAID IN 1922.

Streets	2-in. cast iron	5½-in. heavy lead
Hemlock St., (east main) from Osborn, south	87	
Truro St., from 97 ft. east of Bellevue Ave., east		11
Totals,	87	11

LOCATION AND SIZE OF SMALL SIZED DISTRIBUTING PIPE
REMOVED IN 1922.

Streets	2-in. galv. iron
Buchanan St., Mt. Pleasant, east,	155
Totals,	155

In use previous to 1922,	7,658 feet
Laid in 1922,	98 feet
	<hr/> 7,756 feet
Removed in 1922,	<hr/> 155 feet
	<hr/> 7,601 feet or 1.4395 miles

TABLE F.

LOCATION AND SIZE OF STOP GATES SET IN 1922.

Streets	36 in.	16 in.	12 in.	10 in.	8 in.	6 in.	4 in.
Allord St., east side Brock Ave.						1	
Annette St., east side Brock Ave.					1		
Arnold St., east side Reed.....					1		
Bates St., east side Arlington.....					1		
Bellevue St., east side Brock Ave.						1	
Birch St., east side Brock Ave.							1
Brook St., north line Query.....					1		
Brownell St., north side Maple.....						1	
Buchanan St., east side Mt. Pleasant.....						1	
Carrol St., between west and east mains, Rockdale Ave.						1	
Carroll St., west side Rockdale Ave.						1	
Chaffee St., east side Acushnet Ave.					1		
Chaffee St., west side Ashley Boulevard.....					1		
Chancery St., north side Elm.....						1	
Church St., at hydrant, west side, north of Lynn, 36 ft.						1	
Circuit St., north side Rockdale Ave.						1	
Clara St., west side East French Ave.....						1	
Clara St., east side Cleveland.....						1	
Clinton St., east side Rounds.....						1	
Clinton St., east side Reed.....						1	
Cobb St., south side Tarkilnn Hill Road.....						1	
Coggeshall St., west side Mt. Pleasant.....					1		
Conduit St., south side Covell.....					1		
Division St., south side, west of Second, 109 ft.						1	
Durfee St., west side Cedar.....					1		
Dutton St., west side Ashley Boulevard.....						1	
East French Ave., south side Ricketson....					1		
East French Ave., at hydrant, west side south of Ricketson, 982 ft.						1	
East French Ave., at hydrant, west side south of Ricketson, 1,486 ft.						1	
Elm St., west side Sixth.....					1		
Elm St., east side Rockdale Ave.			1				
Elm St., between east and west mains, Rockdale Ave.			1				
Emerson St., north side Elm.....						1	
Fern St., south side Birch.....						1	
Fillmore St., east side Mt. Pleasant.....						1	
Florence St., south side Elm.....						1	
Force main, from Quittacas Station, on west cross over, west of engine house, 109 ft.	1						

TABLE F—CONTINUED.

LOCATION OF SMALL SIZED STOP GATES SET IN 1922.

Streets	36 in.	16 in.	12 in.	10 in.	8 in.	6 in.	4 in.
Force main, from Quittacas Station, on delivery for centrifugal pump, west of engine house, 41 ft.		1					
Force main, from Quittacas Station on delivery for centrifugal pump, west of engine house, 48 ft.		1					
Force main, from Quittacas Station (on north main) west of engine house, 92 ft.	1						
Force main, from Quittacas Station (on south main) west of engine house, 119 ft.	1						
Force main, from Quittacas Station (on east cross over) west of engine house 86 ft.	1						
Francis St., south side Kempton.....						1	
Francis St., north side Elm.....						1	
Frederick St., east side Cleveland.....						1	
Garfield St., east side Mt. Pleasant.....						1	
Hemlock St., south side Frank.....					1		
Hersom St., west side Conduit.....					1		
Hickory St., south side, west of Dartmouth 88 ft.						1	
James St., north side Elm.....						1	
James St., south side Union.....						1	
Jefferson St., east side Mt. Pleasant.....						1	
Junior St., north side Arnold.....						1	
Kenmore St., west side Acushnet Ave.					1		
Langlois St., east side Acushnet Ave.						1	
Lindsey St., north side Elm.....						1	1
Lindsey St., south side Elm.....						1	
Lindsey St., north side Court.....						1	
Lloyd St., east side Acushnet Ave.				1			
Maple St., east side Reed.....						1	
Maplewood St., east line Acushnet Ave.						1	
Middle St., west side James.....						1	
Mt. Pleasant St., at hydrant, west side, south of Haskell, 6 ft.						1	
Myrtle St., south side Adams.....						1	
Ohio St., east side Ashley Boulevard.....						1	
Orchard St., north side Arnold.....					1		
Palmer St., north side Ryan.....						1	
Polk St., east side Mt. Pleasant.....						1	
Query St., west side Brook.....						1	
Reed St., north side Elm.....						1	
Reed St., south side Elm.....						1	
Ricketson St., east side Brock Ave.						1	
Robeson St., east side Caroline.....					1		

TABLE F—CONTINUED.

LOCATION AND SIZE OF STOP GATES SET IN 1922.

Streets	36 in.	16 in.	12 in.	10 in.	8 in.	6 in.	4 in.
Rockdale Ave., north side Court.....						1	
Rockdale Ave., north side Arnold.....						1	
Rockdale Ave., south side Arnold.....						1	
Rotch St., south side Union.....					1		
Ryan St., east side Rockdale Ave.						1	
Ryan St., between east and west mains, Rockdale Ave.						1	
Standpipe, east of west line Acushnet Ave., 16 ft.			1				
Tarkiln Hill Road, north side Park Ave.....			1				
Taylor St., east side Mt. Pleasant.....						1	
Thompson St., south side, east of Crapo, 112 ft.						1	
Van Buren St., east side Mt. Pleasant.....						1	
Vernon St., south side Hersom.....						1	
Waldo St., south side Hersom.....						1	
Wood St., west side Belleville Ave.					1		
Woodlawn St., east side West French Ave. ..						1	
Totals	4	2	4	1	18	57	2

TABLE F—CONCLUDED.

LOCATION AND SIZE OF STOP GATES REMOVED IN 1922.

Streets	16 in.	6 in.	4 in.
Elm St., west side Florence.....		1	1
Lindsey, north side Court.....			1
Tarkiln Road, north side Park Ave.	1		
Union St., east side Rotch.....		1	
Totals	1	2	1

Number of Stop Gates set 1922..... 88

Number removed 4

Number to be added..... 84

Number in use December 1, 1921.....2545

Number in use December 1, 1922.....2629

TABLE G.
LOCATION OF SMALL SIZED STOP GATES
REMOVED IN 1922.

Streets	2 in.
Bolton St., at watering cart hydrant, west side, south of Rivet, 27 ft.	1
Buchanan St., east side Mt. Pleasant.....	1
Commercial St., at watering cart hydrant, south side east of Water, 20 ft.	1
County St., at watering cart hydrant, west side, north of Allen, 33 ft.	1
Grinnell St., at watering cart hydrant, south side, east of County, 31 ft.	1
Mosher St., at watering cart hydrant, south side, east of Crapo, 123 ft.	1
Smith St., at watering cart hydrant, south side, east of Park, 52 ft.	1
Union St., at watering cart hydrant, south side, west of Water, 21 ft.	1
Washburn St., at watering cart hydrant, south side, east of Acushnet Ave., 19 ft.	1
Totals	9

Number of small sized stop gates set in 1922.....	0
Number removed	9

Number to be deducted.....	9
Number in use December 1, 1921.....	108
Number in use December 1, 1922.....	99

TABLE II.

LOCATION AND SIZE OF WASTE GATES SET 1922.

Streets	8 in.	4 in.
Force Main Way at Dry Swamp Ditch.....	1	
Force Main Way at Station 5725.....	1	
Force Main Way at Station 7853.....	1	
Standpipe		1
Totals	3	1

Number of Waste Gates Set 1922.....	4
Number removed.....	0
Number to be added.....	4
Number in use Dec. 1, 1921.....	193
Number in use Dec. 1, 1922.....	197

TABLE I.

LOCATION AND SIZE OF PRIVATE STOP GATES SET 1922.

Streets	8 in.	6 in.	4 in.	3 in.	2 in.
Acushnet Ave., at Barney Zeitz Bldg., south of Spring St., 71 ft. ...					1
Acushnet Ave., at Barney Zeitz Bldg., south of Spring, 77 ft.		1			
Bullard St., at St. Anthony's Corp., east of Ashley Boulevard, 253 ft.					1
Division St., at I. W. Benjamin's School, west of Second St., 106 ft.		1			
East French Ave., at D. E. Bauer, Acushnet Park, south of Ricketson St., 118 ft.					1
East French Ave., at D. E. Bauer, Acushnet Park, south of Ricketson St., 1185 ft.					1
Edward St., at Manuel Salvador, west of Dartmouth St., 163 ft. ...					1
Hathaway Road, at Town of Dart- mouth, east of New Bedford- Dartmouth line, 53.4 ft.	1				
Hathaway Road, at Town of Dart- mouth, (north of meter), east of New Bedford-Dartmouth line, 34.2 ft.	1				
Hathaway Road, at Town of Dart- mouth (east side meter on by- pass), east of New Bedford- Dartmouth line, 32.4 ft.					1
Hathaway Road, at Town of Dart- mouth (west side meter on by- pass.) east of New Bedford- Dartmouth line, 28 ft.					1
Hickory St., at Dartmouth St. School, west of Dartmouth St., 85 ft.			1		
Ingraham St., at St. Joseph's Church School, west of Kearsage St., 109.8 ft.					1
Milford St., at John Bodzioch, south of Carlisle St., 159 ft.					1
Purchase St., at Motor Sales Co., south of Pearl St., 67.8 ft.		1			
Spring St., at Barney Zeitz Bldg., west of east line Purchase St., 2.1 ft.					1
Thompson St., at Thompson St. School, east of Crapo St., 109 ft.			1		
Water St., at N. B. Boiler & Machine Co. storehouse, north of south line Spring St., 29.3 ft.		1			
West French Ave., at Washington S. & M. Club, north of south line Cove St., 13.3 ft.			1		
Force Main, Private Way—at Cath- edral Camp, near Morton's Cor.				1	
Totals	2	4	3	1	10

TABLE I- CONCLUDED.
LOCATION AND SIZE OF PRIVATE STOP GATES SET IN 1922.

Streets	3-in.
Division St., at I. W. Benjamin School, west of Second St., 107.3 ft.	1
Number of Private Gates set in 1922.....	20
Number removed.....	1
Number to be added.....	19
Number in use December 1, 1921.....	429
Number in use December 1, 1922.....	448

TABLE J.
LOCATION OF AIR TAPS SET 1922.

Streets	6-in.	1-in.
Force Main at Quittacas, 50 ft. west of engine room..		1
Force main at Quittacas 60 ft. west of engine room...		1
Force Main at Quittacas, 118.25 ft. west of engine room		1
Force Main at Quittacas, 145 ft. west of engine room..		1
Force Main, 344 ft. south of North Rochester Road..	1	
Force Main, 2107 ft. south of North Rochester Road..	1	
Totals	2	4

Number of Air Taps set in 1922.....	6
Number removed.....	0
	<hr/>
Number to be added.....	6
Number in use December 1, 1921.....	196
	<hr/>
Number in use December 1, 1922.....	202

TABLE K.

LOCATION AND SIZE OF CHECK VALVES SET 1922

Streets	8-in.
Hathaway Road, Town of Dartmouth connection, east from New Bedford-Dartmouth line, 17 feet.....	1
Totals	1
Number of Check Valves Set 1922.....	1
Number to be removed.....	0
Number to be added.....	1
Number in use December 1, 1921.....	3
Number in use December 1, 1922.....	4

TABLE L.

LOCATION OF HYDRANTS SET IN 1922.

Adelaide St., south side, 91 ft. west of Metcalfe.
Bates St., southeast corner Ashley Boulevard.
Bedford St., southwest corner Ash.
Bedford St., south side, 159 ft. west of Stetson.
Belair St., south side, 502 ft. west of Acushnet Ave.
Bellevue St., south side, 715 ft. east of Mina.
Brook St., southwest corner Laurel.
Buchanan St., south side, 145 ft. east of Mt. Pleasant.
Buchanan St., southeast corner Mt. Pleasant.
Byron St., west side, 306 ft. north of Allen.
Capitol St., south side, 871 ft. west of Brock Ave.
Carroll St., south side, 119 ft. west of Rockdale Ave.
Chaffee St., south side, 481 ft. east of Acushnet Ave.
Chaffee St., south side, 67 ft. west of Heywood
Church St., west side, 36 ft. north of Lynn.
Clara St., southwest corner East French Ave.
Clara St., south side, 663 ft. east of Cleveland.
Cleveland St., west side, 89 ft. north of Rodney.
Clinton St., southwest corner Rounds.
Coggeshall St., south side, 262 ft. west of Mt. Pleasant.
Conduitt St., southwest corner Covell.
Darling St., south side, 275 ft. east of Ball.
Duncan St., south side, 234 ft. east of Acushnet Ave.
Dutton St., south side, 332 ft. east of Ashley Boulevard.
Dutton St., south side, 719 ft. west of Ashley Boulevard.
East French Ave., west side, 1486 ft. south of Ricketson.
East French Ave., west side, 982 ft. south of Ricketson.
Elm St., southwest corner Sixth.
Emery St., south side, 485 ft. west of Brock Ave.
Emma St., south side, 100 ft. west of Cleveland.
Fern St., southwest corner Birch.
Francis St., southwest corner Kempton.
Glennon St., southeast corner Ashley Boulevard.
Glennon St., south side, 239 ft. west of Ashley Boulevard.
Hadley St., south side, 183 ft. west of Kearsarge.
Harwich St., south side, 337 ft. east of Conduit.
Hemlock St., northwest corner Osborn.
Hersom St., south side, 62 ft. west of Hanson.
Homestead St., south side, 249 ft. east of Ball.
Irvington St., south side, 514 ft. east of Concord.
Irvington St., southwest corner Milford.
Irvington St., south side, 44 ft. west of Milford.
Kenmore St., south side, 232 ft. west of Acushnet Ave.
Kirby St., west side, 248 ft. north of Allen.
Langlois St., south side, 337 ft. east of Acushnet Ave.
Lloyd St., south side, 38 ft. west of Town line.
Maplewood St., south side, 453 ft. east of Acushnet Ave.
Middle St., southeast Lindsey.
Milford St., west side, 632 ft. north of Carlisle.
Morgan St., south side, opposite Lindsey.
Mt. Pleasant St., southwest corner Haskell.
Norwell St., south side, 449 ft. west of Bolton.

Oaklawn St., south side, 968 ft. west of Brock Ave.
Ohio St., south side, 154 ft. east of Ashley Boulevard.
Orchard St., west side, 199 ft. north of Arnold.
Osborn St., south side, 238 ft. east of Hemlock.
Park St., west side, 107 ft. south of Elm.
Park St., southwest corner Union.
Prescott St., west side, 395 ft. south of Brockton.
Reed St., southwest corner Ryan.
Robeson St., southeast corner Caroline.
Rochambeau St., west side, 400 ft. south of Carlisle.
Rockdale Ave., west side, 7 ft. north of Bedford.
Rockdale Ave., west side, 61 ft. north of Carroll (west).
Rockdale Ave., east side, 354 ft. south of Union.
Rockdale Ave., west side, 415 ft. north of Lake.
Rutland St., south side, 490 ft. west of Conduit.
Ryan St., southeast corner Rockdale Ave.
Shaw St., south side, 293 ft. east of Acushnet Ave.
Shawmut Ave., west side, 232 ft. north of Parker.
Shawmut Ave., west side, 335 ft. north of Durfee.
Shawmut Ave., west side, 700 ft. north of Durfee.
Studley St., southwest corner County.
Sutton St., south side, 270 ft. west of Highland.
Trinity St., southwest corner Cedar.
West French Ave., east side, 109 ft. south of Hudson.
Wood St., southwest corner Brightman.
Woodlawn St., southeast corner West French Ave.

TABLE L—CONTINUED.

LOCATION OF HYDRANTS REMOVED IN 1922.

Annette St., south side, 161 ft. west of Fern,	Post
Ash St., northwest corner Bedford,	Post
Bates St., south side, 45 ft. west of Arlington,	Post
Bedford St., south side, 149 ft. east of Brigham,	Post
Belle Ave., west side, 526 ft. north of Sylvia,	Post
Byron St., west side, 108 ft. north of Allen,	Post
Capitol St., south side, 778 ft. west of Brock Ave.	Post
Clinton St., south side, 127 ft. west of Brownell,	Post
Darling St., south side, 157 ft. east of Ball,	Post
Duncan St., south side, 156 ft. east of Acushnet Ave.,	Post
Dutton St., south side, 249 ft. east of Ashley Boulevard.	Post
Eliabeth St., south side, 154 ft. east of Brigham,	Post
Emma St., south side, 261 ft. east of Brock Ave.	Post
Emery St., south side, 224 ft. west of Brock Ave.	Post
Frederick St., south side, 70 ft. east of Cleveland,	Post
Glennon St., south side, 283 ft. west of Arlington,	Post
Gould St., west side, 168 ft. south of Hawthorn,	Post
Hadley St., south side, 78 ft. east of Acushnet Ave.	Post
Harwich St., south side, 125 ft. east of Conduit.	Post
Hersom St., south side, 59 ft. west of Waldo,	Post
Homestead St., south side, 188 ft. east of Ball,	Post
Kirby St., west side, 117 ft. north of Allen,	Post
Lindsey St., west side, 173 ft. south of Kempton,	Post
Lindsey St., northwest corner Morgan,	Post
Metcalfe St., west side, 77 ft. south of Pontiac,	Post
Norwell St., south side, 228 ft. west of Bolton,	Post
Oaklawn St., south side, 932 ft. west of Brock Ave.	Post
Prescott St., west side, 134 ft. south of Brockton,	Post
Reed St., west side, 103 ft. south of Carroll,	Post
Rochambeau St., west side, 218 ft. north of Irvington,	Post
Rockdale Ave., east side, 32 ft. south of Elm,	Post
Rutland St., south side, 444 ft. west of Conduit,	Post
Ryan St., southeast corner Palmer,	Post
Shaw St., south side, 121 ft. east of Acushnet Ave.	Post
Shawmut Ave., west side, 497 ft. north of Durfee,	Post
Sutton St., south side, 130 ft. west of Highland,	Post
West French Ave., east side, 98 ft. north of Dudley,	Post
Wood St., south side, 202 ft. east of Acushnet Ave.,	Post
Woodlawn St., south side, 134 ft. east of W. French Ave.	Post

Number of hydrants set in 1922.....	78
Number removed.....	39

Number to be added.....	39
Number in use December 1, 1921.....	1650

Number in use December 1, 1922.....	1689
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LOCATION OF WATERING CART HYDRANTS REMOVED 1922.

Bolton St., west side, 26 ft. south of Rivet (west).	Post
Commercial St., south side, 20 ft. east of Water.	Flush
Smith St., south side, 53 ft. east of Park.	Flush
Washburn St., south side, 20 ft. east of Acushnet Ave.	Post

Number of Water Cart hydrants set in 1922.....	0
Number removed.....	4

Number to be deducted.....	4
Number in use December 1, 1921.....	61

Number in use December 1, 1922.....	57
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TABLE M

STATEMENT OF WORK DONE BY THE SERVICE DEPARTMENT
FOR THE YEAR ENDING DECEMBER 1, 1922.

Kind and Size	No. of services	Length on taker	Length on city
Lead pipe 1 inch heavy.....	4	53	76
Lead pipe 1 inch light.....	10	405.5	132
Lead pipe $\frac{3}{4}$ inch heavy.....	2	5.5	42
Lead pipe $\frac{3}{4}$ inch light.....	154	2638.	3145
Lead pipe $\frac{5}{8}$ inch heavy.....	238	3457.5	5806
Lead pipe $\frac{5}{8}$ inch light.....	331	4138.5	7717
Lead pipe $\frac{1}{2}$ inch heavy.....	1		10
Cast iron pipe 8 inch.....	1	53.5	
Cast iron pipe 6 inch.....	5	129.	
Cast iron pipe 4 inch.....	3	140.	
Cast iron pipe 2 inch.....	9	336.	
Galvanized iron pipe 3 inch....	1	25.	
Galvanized iron pipe 2 inch....		38.	
Totals	759	11419.5	16928

One 2 inch cast iron service has been removed and replaced with 4 inch cast iron pipe.

One 1 inch heavy lead service has been removed and replaced with 2 inch cast iron pipe.

One $\frac{3}{4}$ inch iron service has been removed and replaced with $\frac{3}{4}$ inch light lead.

One $\frac{5}{8}$ inch light lead service has been removed and replaced with 1 inch light lead.

One $\frac{5}{8}$ inch iron service has been removed and replaced with $\frac{5}{8}$ inch heavy lead.

One $\frac{5}{8}$ inch iron service has been removed and replaced with $\frac{5}{8}$ inch light lead.

One $\frac{5}{8}$ inch light lead service has been removed and replaced with $\frac{5}{8}$ inch light lead.

Twelve connections to services previously laid have been made by taker.

Three connections to services previously laid have been made by the City, using 8 ft. 1 inch light lead, 15 ft. $\frac{5}{8}$ inch heavy lead, and 85 ft. $\frac{5}{8}$ inch light lead.

Thirty-eight extensions to services previously laid have been made by City, using 88 ft. $\frac{3}{4}$ inch heavy lead, 120 ft. $\frac{3}{4}$ inch light lead, 192½ ft. $\frac{5}{8}$ inch heavy lead, 308 ft. $\frac{5}{8}$ inch light lead, 16 ft. $\frac{1}{2}$ inch heavy lead.

Four 2 inch galvanized iron services, one $\frac{3}{4}$ inch light lead, five $\frac{5}{8}$ inch heavy lead and one $\frac{1}{2}$ inch heavy lead services have been removed.

Length of service pipe laid during the year.....	29180 ft.
Number of services laid 1922.....	759
Number removed.....	11
<hr/>	
Number to be added.....	748
Number in use December 1, 1921.....	16354
<hr/>	
Number in use December 1, 1922.....	17102

SUMMARY OF STATISTICS.

FOR THE YEAR ENDING 1922.

IN FORM RECOMMENDED BY THE NEW ENGLAND
WATER WORKS ASSOCIATION.

NEW BEDFORD WATER WORKS.

NEW BEDFORD,
BRISTOL COUNTY, MASS.

GENERAL STATISTICS.

Population by census of 1920, 121,217.

Date of construction, 1860 to 1869, inclusive. Further supply
1895 to 1901, inclusive.

By whom owned, City of New Bedford.

Source of supply.—Water was first introduced on Nov. 26, 1869. From that date until July 10, 1899, the supply was taken from a storing reservoir artificially formed by constructing a dam across the valley of the Acushnet River, seven miles north of the centre of the City. This supply was augmented by a connection made in 1886 with Little Quittacas Pond.

Since July 10, 1899, the whole supply has been taken from Great and Little Quittacas Ponds, eleven miles north of the centre of the city.

Mode of supply.—Previous to July 10, 1899, the water flowed by gravity from the Acushnet Storing Reservoir (grade 40' + high water New Bedford Harbor) through a brick conduit 3 feet wide, 4 feet high, 5.6-10 miles long to a receiving reservoir (capacity 3 million gallons; grade 30') located opposite the Purchase Street Pumping Station. Thence it was pumped into the Mt. Pleasant Distributing Reservoir (capacity 15 million gallons; grade 154') located 1,879 feet distant, from whence it flowed by gravity into the city's distributing system.

Since July 10, 1899, the entire supply has been pumped from Little Quittacas Pond (grade 52' through a 48-inch steel force main 8.4 miles long) to a distributing reservoir (capacity 67 million gallons; grade 216') located upon High Hill, in the town of Dartmouth. From this reservoir it flows into the city's distributing system by gravitation through two 36-inch cast iron pipes averaging 4.1-17 miles in length.

The first named system is not now in use, but is held in reserve to meet any emergency which might occur.

PUMPING STATISTICS

1. Builders of Pumping Machinery.
Purchase Street Station :
 - a. McAlpine engine.
built by Quintard Iron Works. Cap. 5,000,000 gals. per 24 hrs.
 - b. High duty engine,
built by Henry R. Worington. Cap. 5,000,000 gals. per 24 hrs.
- Little Quittacas Station :
 - a. b. Leavitt engines in duplicate, Capacity of the two engines
built by Dickson Mfg. Co. 20,000,000 gallons per 24 hrs.
 - c. DeLaval electrically oper- Capacity about 6,000,000 gals.,
ated centrifugal pump, di- delivered into High Hill Res-
rectly connected with a ervoir in 24 hours.
General Electric squirrel
cage, type I, Form K, 3
phase, 60 cycle, 550 volt,
250 H. P., induction A. C.
motor, operating at about
1800 revolutions per minute,
built by DeLaval Steam
Turbine Co. Current pur-
chased of New Bedford Gas
and Edison Light Co.

LITTLE QUITTACAS STATION—Engines A and B.

2. Description of fuel used.
 - a. Kind—bituminous.
 - b. Brand of coal—Pocahontas.
 - c. Price of coal per gross ton—delivered Little Quittacas
Station \$8.38.
 - d. Percentage of ash—7.
 - e. Wood, price per cord—none used.
3. Coal consumed for the year—4,439,780 lbs.
4. (Pounds of wood consumed) ÷ 3—equivalent amount of coal
—none used.
5. Total equivalent coal consumed, for the year=(3)+(4)
4,439,780 lbs.
6. Total pumpage for the year—3,882,309,890 gallons, with al-
lowance for slip.
7. Average static head against which pumps work—166.28 feet.
8. Average dynamic head against which pumps work—183.09
feet.
- 9a. Number of gallons pumped per pound of equivalent coal (5)
818.
- 9b. Number of gallons raised 100 feet per pound of equivalent
coal (5) 1497.
- 10a. Duty = $\frac{\text{gals. pumped (6)} \times 8.34 \text{ (lb.} \times 100 \times \text{dynamic head (8))}}{\text{Total fuel consumed (5)}} = 124,992,516.$
- 10b. Cost per million gallons raised into High Hill Reservoir
(engine A and B only) \$12.76.

LITTLE QUITTACAS STATION—Engine C.

11. Total pumping time for the year, 999 2-3 hours.
12. Total current used for the year, 227,100 K. W. H.
13. Total pumpage for the year, 248,060,000 gallons.
14. Number of gallons pumped per K. W. H., 1092.
15. Number of K. W. H. required to raise one million gallons into High Hill Reservoir, 923.56.
Cost per K. W. H. varies in accordance with amount of consumed.
16. Average cost per K. W. H., \$.026.
17. Cost per million gallons raised into High Hill Reservoir, (Engine C only) \$24.01.
Total cost of pumping, figured on pumping station expenses, viz: \$52,252.79
18. Per million gallons pumped—\$13.46.
19. Per million gallons raised one foot (dynamic)—7 cents.
Cost of pumping figured on total maintenance and interest on bonds, (see financial CC + DD) viz.: \$298,066.98.
20. Per million gallons pumped—\$76.78.
21. Per million gallons raised one foot (dynamic)—41 9-10 cents.

FINANCIAL STATISTICS.

RECEIPTS.		EXPENDITURES.	
<i>Balance brought forward, \$67,639.67</i>		<i>Water works maintenance :</i>	
(a) From ordinary (main- tenance) receipts,		AA. Operation, (management, and repairs, \$192,695.73	
(b) From extraordinary re- ceipts (bonds, etc.)	30,899.13	CC. Total maintenance,	\$192,695.73
		DD. Interest on bonds,	105,371.25
Total,	\$98,538.80		\$298,066.98
<i>From water rates</i>			
A. Fixture rates,		(CC + DD),	
B. Meter rates, \$362,108.43		EE. Payment of bonds,	43,000.00
C. Total from consumers,	362,108.43	FF. Sinking Fund,	25,450.00
D. For hydrants,		<i>Water works construction :</i>	
E. For fountains,		GG. Extension of mains,	96,001.30
F. For street watering,		HH. Extension of services,	29,397.91
G. For public buildings, (included in meter rates)		I. Extension of meters,	11,152.15
H. For miscellaneous uses,		JJ. Special,	7,326.33
I. General appropriations,		KK. Total construction,	143,877.69
J. Total from municipal departments, (included above)		LL. Unclassified expenses: Amt. diverted by auditor,	7.29
K. From tax levy		MM. Balance:	
L. From bond issue,		(aa) Ordinary,	
M. From other sources:		Total balance,	
For building purposes,	1,824.69		
For meter rentals,	13,284.30		
Balance deficit,	34,645.74		
N. Total,	\$510,401.96	N. Total,	\$510,401.96

Disposition of balance.....

O. Net cost of works to date.....\$4,795,698.35,

P. Bonded debt to date..... 2,359,000.00

Q. Value of sinking fund at date..... 1,339,847.90

R. Average rate of interest..... $4\frac{32}{100}$ + per cent.

STATISTICS OF CONSUMPTION OF WATER.

1.	Estimated total population at date.....	135,775
2.	Estimated population on lines of pipe.....	135,075
3.	Estimated population supplied.....	135,075
4.	Total consumption for the year.....	3,939,120,548
5.	Passed through meters.....	2,928,472,500
6.	Percentage of consumption metered.....	74 per cent.
7.	Average daily consumption.....	10,792,111 gals.
8.	Gallons per day to each inhabitant.....	79
9.	Gallons per day to each consumer.....	80
10.	Gallons per day to each tap.....	598
11.	Cost of supply water, per million gallons figured on total maintenance (item CC).....	\$49.63
12.	Total cost of supply water, per million gallons figured on total maintenance plus interest on bonds.....	\$76.78

Includes population supplied in the Towns of Dartmouth and Acushnet.

STATISTICS RELATING TO DISTRIBUTING SYSTEM.

MAINS.

- Kind of pipe, cast iron and steel.
- Sizes, from 4 in. to 48 inch.
- Extended 38,078 feet during the year.
- Discontinued 1,335 feet during year.
- Total now in use, $192 \frac{6975}{10000}$ miles.
- Cost of repairs per mile, \$27.34.
- Number of leaks per mile .11937.
- Length of pipes less than 4 inches diam., $1 \frac{4395}{10000}$ miles.
- Number of hydrants added during year (public and private), 39.
- Number of hydrants (public and private) now in use, 2136.
- Number of stop gates added during the year, 84.
- Number of stop gates now in use, 2629.
- Number of stop gates smaller than 4 inch, 99.
- Number of blow offs, 197.
- Range of pressure on mains, 16 lbs. to 91 lbs.

SERVICES.

- Kind of pipe; lead, wrought iron and cast iron.
- Sizes, $\frac{1}{2}$ inch to 10 inch.
- Extended 29,180 feet.
- Discontinued 630 feet.
- Total now in use, 125,14759 miles.
- Number of service taps added during year:

New Bedford.....	748
Dartmouth	156
Acushnet	74
Total added.....	978
- Number now in use:

New Bedford.....	17,102
Dartmouth	673
Acushnet	265
Total in use.....	18,040
- Average length of service, 38.64 feet.
- Average cost of service for the year.

a. Gross, \$38.73.
b. Net, \$25.44.
- Number of meters added, 535.
- Number now in use, New Bedford only, 16,194.
- Percentage of services metered, $94 \frac{6}{10}$.
- Percentage of receipts from metered water $(B \div C) 100$.

IN BOARD OF ALDERMAN,

February 8, 1923.

Received, ordered printed in City Documents and sent down for concurrence.

RODULPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

February 8, 1923.

Concurred.

HAROLD WINSLOW,

Clerk.

CITY ORDINANCES
AND AMENDMENTS
PASSED BY THE CITY COUNCIL
OF THE
CITY OF NEW BEDFORD

From Jan. 12, 1923 to July 31, 1923



NEW BEDFORD, MASS.
A. E. COFFIN PRESS, PRINTERS,
1923

CITY ORDINANCES

In the Year One Thousand Nine Hundred and Twenty-Two

AN ORDINANCE**Further Regulating the Passage of Vehicles in the Streets.**

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Sections 554 and 555 and 556 of the Revised Ordinances of 1916 are hereby repealed.

Section 2. "Parking" is hereby defined as leaving of vehicles attended or unattended in the streets or public places.

Section 3. No vehicle shall be allowed to stand within the intersection of any street, nor within 10 feet of any street corner, cross walk, fire hydrant, or pole designated as a stopping place for street cars; except in case of an emergency or when directed to do so by a police officer in uniform. No vehicle shall be allowed to stand on either side of the street within ten feet of either side of the entrance of any fire station.

No parking shall be allowed within 10 feet of either side of entrance or exit of a church during service, nor within 10 feet of either side of entrance or exit of a theatre or public assembly place during performances or entertainments.

Section 4. The Chief of Police, under the direction of the Mayor and City Council, as a matter of public safety, is herewith empowered to designate non-stop areas and to mark in a suitable manner such parts of the street as may be required for the safety of pedestrians or use of persons boarding or leaving electric street cars. No vehicle shall be permitted to stand within a non-stop area.

Section 5. A vehicle shall not occupy a roadway so as to obstruct traffic. A vehicle shall not back to make a turn if doing so will obstruct traffic, but shall go to a place with clearway enough for the purpose.

Section 6. Parking areas are hereby designated as follows:—

1. The Municipal Lot, bounded by Pleasant, Elm, North Sixth Streets and Mechanics Lane.

2. Pleasant Street, west side, from William to Elm Streets. (This space to be used exclusively for licensed hackneys; under the direction of the Chief of Police.)

Section 7. No person shall stop a vehicle in any of the following described portions of the streets between 9 A. M. and 9 P. M., except while taking on or discharging passengers, merchandise or vehicular supplies:—

William Street, north side, between Pleasant Street and Acushnet Avenue:

Elm Street, south side, between Sixth and Purchase Streets;
Middle Street, south side, between Sixth and North Second
Streets;

Acushnet Avenue, west side, between Union and Middle Streets.

Section 8. No person shall stop a vehicle or allow a vehicle to stand within any of the following described portions of streets for more than two consecutive hours (amended,—“one hour”) between 9 o'clock A. M. and 6 o'clock P. M., Sundays and legal holidays excepted:

Sixth Street, between Union and Elm Streets;

Pleasant Street, between Spring and Middle Streets;

Purchase Street, between School and Kempton Streets;

Union Street, between Second and Seventh Streets;

William Street, between Second and Sixth Streets; (except as provided in preceding section);

Elm Street, between Second and Sixth Streets; (except as provided in preceding section);

Middle Street, between Second and Sixth Streets; (except as provided in preceding section);

High Street, between Pleasant and Purchase Streets;

Kempton Street, between Pleasant and Purchase Streets;

South Water Street, between Blackmer and Cove Streets.

Section 9. Proper signs to carry out the provisions of this ordinance shall be displayed on said streets as provided herein.

Section 10. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,

Dec. 28, 1922.

Amended by striking out third line of Section 8 the words “two consecutive hours” and submitting therefor “One hour”.

Passed to be ordained as amended.

WALTER H. B. REMINGTON, Mayor.

Sent to Common Council,

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,

Dec. 28, 1922.

Passed to be ordained,

GEORGE G. SYLVIA, President.

Passed to be ordained,

HAROLD WINSLOW, Clerk.

Presented to the Mayor for approval, Dec. 29, 1922.

RODOLPHUS A. SWAN, City Clerk.

Approved, Dec. 30, 1922.

WALTER H. B. REMINGTON, Mayor.

Attest:—

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCES

**Creating a Planning Board for the City of New Bedford and
defining its duties.****CITY OF NEW BEDFORD**

In the Year One Thousand Nine Hundred and Twenty-Three

AN ORDINANCE

Be it ordained by the City Council of the City of New Bedford
as follows:

Section 1. The Planning Board for the City of New Bedford, hereby so designated, and appointed under the provisions of General Laws, Chapter 41, shall consist of five members. The terms of office of the members shall be arranged and designated at the time of appointment so that the term of one shall expire on the first Monday in February in the year 1924, one on the first Monday in February in the year 1925, one on the first Monday in February in the year 1926, one on the first Monday in February in the year 1927, and one on the first Monday in February in the year 1928. The first appointments shall be made within one month after the passage of this ordinance, and the subsequent annual appointments shall be made in January of each year for full terms of five years, to begin on the first Monday in February in the year of appointment. All vacancies in the Planning Board shall be filled in the manner prescribed by law for original appointments. All meetings of the City Council for confirmation of appointments of members of the Planning Board shall be held in convention.

Section 2. Any of the members of the Planning Board may be removed by the Mayor with the approval of a majority of the City Council, meeting in convention.

Section 3. The Planning Board shall choose a Chairman and a Clerk and may employ such assistance in the performance of its duties as may be approved in writing by the Mayor. No member of the Planning Board shall receive compensation from the city for duties performed as a member of the Board. The Board, with the approval of the Mayor and the City Council, shall fix the compensation of its employees, unless otherwise provided by ordinance.

Section 4. The Planning Board shall perform all the duties required under the laws of the Commonwealth and such other duties as may be required by ordinance.

Section 5. Annually, in January, the Planning Board shall present to the City Council a written report covering its doings of the preceding year; and shall make reports on subjects referred to it by the City Council.

CITY ORDINANCES

5 x

Section 6. On request, the several departments of the city government shall furnish the Planning Board with such data and information as may be required in carrying out the provisions of this ordinance.

Section 7. This ordinance shall take effect on its passage.

IN BOARD OF ALDERMEN,

January 11, 1923.

Passed to be ordained,

WALTER H. B. REMINGTON,

Mayor.

Sent to Common Council,

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

January 11, 1923.

Passed to be ordained,

ROBERT L. BAYLIES,

President.

IN COMMON COUNCIL,

January 11, 1923.

Passed to be ordained,

HAROLD WINSLOW,

Clerk.

Presented to the Mayor for approval, January 12, 1923.

RODOLPHUS A. SWAN,

City Clerk.

Approved January 12, 1923.

WALTER H. B. REMINGTON,

Mayor.

Attest:

RODOLPHUS A. SWAN,

City Clerk.

CITY ORDINANCES**Committee on Almshouse and the Poor****CITY OF NEW BEDFORD**

In the Year One Thousand Nine Hundred and Twenty-Three

AN ORDINANCE

Amending Section Twenty-Seven (27) of the Revised Ordinances of 1916 of the City of New Bedford, Mass., to provide for a Joint Special Committee of the City Council on Almshouse and the Poor.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Section Twenty-Seven (27) of the Revised Ordinances of 1916 of the City of New Bedford, Mass., is hereby amended by the insertion of the words "almshouse and the poor" after the words "are hereby established" in the second line thereof, so that the said section as amended will read as follows:

Section 27. The following standing committees of the city council are hereby established: almshouse and the poor, audit, armories, bath-houses, building code, city property, claims, finance, fire department, ordinances, streets, street lights and wharves.

Section 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,

January 25, 1923.

Passed to be ordained,

WALTER H. B. REMINGTON,

Mayor.

Sent to Common Council,

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

January 25, 1923.

Passed to be ordained,

ROBERT L. BAYLIES,

President.

Passed to be ordained,

HAROLD WINSLOW,

Clerk.

Presented to the Mayor for approval January 26, 1923.

RODOLPHUS A. SWAN,

City Clerk.

Approved January 26, 1923.

WALTER H. B. REMINGTON,

Mayor.

Attest:

RODOLPHUS A. SWAN,

City Clerk.

CITY ORDINANCES

Measurers of Lumber

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-Three
AN ORDINANCE

Amending Section 1 of an ordinance relative to the appointment of "Surveyors" of lumber.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Section 1 of an ordinance providing for the appointment of surveyors of lumber is hereby amended by changing the word "surveyors" in the second line thereof to the word "measurers", so that said section, as amended, shall read:

Section 1. Annually in January, the Mayor and Aldermen shall appoint one or more measurers of lumber.

Section 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,

January 25, 1923.

Passed to be ordained,

WALTER H. B. REMINGTON,

Mayor.

Sent to Common Council,

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

January 25, 1923.

Passed to be ordained,

ROBERT L. BAYLIES,

President.

Passed to be ordained,

HAROLD WINSLOW,

Clerk.

Presented to the Mayor for approval January 26, 1923.

RODOLPHUS A. SWAN,

City Clerk.

Approved January 26, 1923.

WALTER H. B. REMINGTON,

Mayor.

Attest:

RODOLPHUS A. SWAN,

City Clerk.

Gasoline Pump Removal.

City of New Bedford,

City Clerk's Office,

Feb. 28, 1923.

Attention is called to the following order, adopted by the Mayor and Aldermen at a meeting held Feb. 23, 1923, viz.:

CITY OF NEW BEDFORD

In Board of Aldermen

Ordered, That all privilege, grants and permissions for gasoline pumps within the street and sidewalk limits, maintained under authorization heretofore purporting to have been given, be and the same are hereby revoked, cancelled and terminated, and it is further

ORDERED, that all use of the same be discontinued forthwith, and that such pumps or devices be removed within 90 days from this date.

IN BOARD OF ALDERMEN,

February 23, 1923.

RODOLPHUS A. SWAN,

City Clerk.

Adopted.

Attest:

RODOLPHUS A. SWAN,

City Clerk.

CITY ORDINANCES

CITY OF NEW BEDFORD

Public Vehicle Fare Rates

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-Three

AN ORDINANCE

Amending Sections styled "647, 648 and 639" Revised Ordinances of 1916, as amended, relating to Public Vehicles.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. A section styled "Section 647" of the ordinance approved by the Mayor July 25, 1919, "Relating to Public Vehicles" is hereby amended by striking out said section and inserting in place thereof the following: Section 647, Fares for the conveyance of passengers in vehicles licensed under Class A shall be in accordance with the following rates:

Vehicles equipped with taximeters—For one passenger for the first one-third mile, 30 cents; for each additional one-third mile, 10 cents; for each additional passenger, 25 cents for the entire trip; children under 12 years of age, when accompanied by parent or guardian, free; waiting charge not to exceed 10 cents for each three minutes. These rates are for the entire city, day or night.

Vehicles equipped with speedometers—but without taximeters—For one passenger for the first mile or fraction thereof, 50 cents; for each additional mile or fraction thereof, 25 cents; for each additional passenger a charge not to exceed 25 cents for the entire trip; children under 12 years of age, when accompanied by parent or guardian, free; waiting charge not to exceed 10 cents for each three minutes. These rates are for the entire city, day or night.

Vehicles operating on a passenger rate—and not a taximeter or speedometer basis—From 6 A. M. to 9 P. M. for each adult passenger, 50 cents; from 9 P. M. to 6 A. M.—75 Cents; children between the ages of 4 and 12 years, half price; children under 4 years, when accompanied by parent or guardian, free. The above passenger rates prevail within the area bounded by Belleville road and a line extended westerly from this street to intersect a line drawn north and south through Rotch Street, on the north; by Rotch street and the line north and south, on the west; by Cove street, West French avenue, Cove road and Rockdale avenue on the south and by the Fairhaven boundary line on the east. Fares from any point within said portion to areas of the city beyond said limits shall not exceed twice the above rates.

Vehicles let by the hour—Any vehicle licensed under Class A, operating under any of the above systems of fare charges, may be let by the hour under the following schedule:

Five passenger vehicle—for shopping trips, \$2.00 per hour; for running around town, \$3.00 per hour.

Seven passenger vehicle—for shopping trips, \$2.50 per hour; for running around town, \$3.50 per hour.

Seven passenger limousine—for shopping trips, \$3.00 per hour; for running around town, \$3.50 per hour.

These rates shall be the same whether there is one passenger or more.

For all fares specified in this ordinance, each passenger may carry a hat box, grip sack, portmanteau or other similar article; for one trunk accompanying passenger, 15 cents.

The city clerk shall supply rate cards which show plainly the fares which may be charged for the transportation of passengers, which cards shall be displayed and so placed in licensed vehicles that they can be seen and may be read by the passengers.

Each owner of a licensed vehicle shall in his application, or at the time of taking a license, state under what method and system of fare charges he proposes to operate, and no change to another system shall be permitted or allowed without notice of the proposed change at the office of the city clerk, surrender of the rate card which then applies, and receipt of a new card in accordance with the desire of the applicant. The charge by the city clerk for this change over shall be 45 cents.

Section 2. A section styled "Section 648" of an ordinance approved May 8, 1919, relating to "Public Vehicles" hereby is amended by striking out the following paragraph:

Commencing at the river at the continuation of the east terminal of Belleville road thence running due west until said line intersects a line drawn north and south through Rotch avenue, thence running due south until said last named line intersects a line drawn east and west through Cove street, thence easterly by Cove street to the river, and thence northerly by the river to the place of beginning. Fares from any place within said portion of the city to points beyond said limits shall not exceed twice the above rates.

Section 3. A section styled "Section 639" of an ordinance approved May 8, 1919 is hereby amended by striking out the first paragraph of said section, which paragraph is as follows: "No vehicle licensed under Class A shall solicit or receive passengers on the street except at the definite places named in the license, or such places as persons desiring service designate when engaging the same."

Section 4. This ordinance shall take effect upon its passage.

CITY ORDINANCES

11 x

IN BOARD OF ALDERMEN,

April 26, 1923.

Passed to be ordained,

WALTER H. B. REMINGTON,
Mayor.

Sent to Common Council,

RODOLPHUS A. SWAN
City Clerk.

IN COMMON COUNCIL,

April 26, 1923.

Passed to be ordained,

ROBERT L. BAYLIES,
President.

Passed to be ordained,

HAROLD WINSLOW,
Clerk.

Presented to the Mayor for approval April 27, 1923.

RODOLPHUS A. SWAN,
City Clerk.

Approved April 27, 1923.

WALTER H. B. REMINGTON,
Mayor.

Attest :

RODOLPHUS A. SWAN,
City Clerk.

CITY ORDINANCES
Charges by Water Board
CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-three
 AN ORDINANCE

Amending Sections 95 and 96 of the Revised Ordinances of 1916, relative to the Water Board.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Section 95 of the Revised Ordinances of 1916 is hereby amended by inserting the following sentence at the end of the second paragraph thereof, viz.:— "The city will furnish service supply connections from the street mains through the cellar wall at such charge as may be fixed by the water board."

Section 2. Clause 11 of the regulations set out in Section 95 of said revised ordinances is hereby amended by striking out the first paragraph therein and inserting in the place thereof the words "the annual rental charge for meters supplied by city and installed within the basement walls of houses shall be fixed by the Water Board."

Section 3. Section 96 of said revised ordinances is hereby amended by striking out the same and inserting in the place thereof a new section to read as follows, viz.:— "When a water bill remains unpaid for fifteen days after the same is due, the Water Registrar shall issue a written demand for which ten per cent of bill due shall be charged. In all cases of non-payment of the water bill for thirty days after the same is due the Water Registrar shall cause the supply of water to be shut off, and the water shall not be again let on to the property for any owner, except on the payment of the total amount due plus the sum of two dollars."

Section 4. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,

May 10, 1923.

Passed to be ordained.

WALTER H. B. REMINGTON,

Mayor.

Sent to Common Council,

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

May 10, 1923.

Passed to be ordained.

ROBERT L. BAYLIES,

President.

Passed to be ordained.

HAROLD WINSLOW,

Clerk.

Presented to the Mayor for approval May 11, 1923.

RODOLPHUS A. SWAN,

City Clerk.

Approved May 11, 1923.

WALTER H. B. REMINGTON,

Mayor.

Attest:—

RODOLPHUS A. SWAN,

City Clerk.

CITY ORDINANCES**Relative to Water Board****CITY OF NEW BEDFORD**

In the Year One Thousand Nine Hundred and Twenty-three
AN ORDINANCE

Repealing Section 1 of an ordinance approved by the Mayor May 11, 1923 and amending Section 95 of the Revised Ordinances of 1916 relative to the Water Board.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Section 1 of an ordinance passed by the City Council May 10, 1923 and approved by the Mayor May 11, 1923, which reads as follows is hereby repealed:— "Section 1. Section 95 of the Revised Ordinances of 1916 is hereby amended by inserting the following sentence at the end of the second paragraph thereof, viz.:— 'The city will furnish service supply connections from street mains through the cellar wall at such charge as may be fixed by the Water Board.'"

Section 2. Section 95 of the Revised Ordinances of 1916 is hereby amended by striking out the second paragraph of section numbered "2" of "Regulations" contained in said section 95 as follows:—

"The city will furnish service supply connections from street mains through the cellar wall, at a charge of two dollars for the portion within street limits, and the entire cost upon the premises of the applicant. This applies to services one inch or less in size and allows one service pipe only for each ordinary building. For secondardy services or for services larger than one inch in size, the entire cost of installation from the street main through the cellar wall will be charged to the applicant," and by inserting in place thereof the following, viz.:—

"The city will furnish service supply connections from the street mains through the cellar wall at such charge as may be fixed by the Water Board," so that said paragraph will read as follows:

2. All applications for service supplies must be made by the owner of the property at the office of the registrar in the form prescribed, stating the various uses to which the water is to be applied.

The city will furnish service supply connections from the street mains through the cellar wall at such charge as may be fixed by the Water Board.

Section 3. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,

May 24, 1923.

Passed to be ordained.

WALTER H. B. REMINGTON,

Mayor.

Sent to Common Council,

RODOLPHUS A. SWAN,

City Clerk.

CITY ORDINANCES

IN COMMON COUNCIL,

May 24, 1923.

Passed to be ordained.

ROBERT L. BAYLIES,
President.

Passed to be ordained.

HAROLD WINSLOW,
Clerk.

Presented to the Mayor for approval May 25, 1923.

RODOLPHUS A. SWAN,
City Clerk.

Approved May 25, 1923.

WALTER H. B. REMINGTON,
Mayor.

Attest :—

RODOLPHUS A. SWAN,
City Clerk.

CITY ORDINANCES**Fire Department****CITY OF NEW BEDFORD**

In the Year One Thousand Nine Hundred and Twenty-Three
AN ORDINANCE

Repealing Section 382 of Revised Ordinances of 1916, as amended by an ordinance approved by the Mayor, May 13, 1920; and providing for a new and different method of control by the fire department.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Section 382 of the Revised Ordinances of 1916, as amended by an ordinance approved by the Mayor, May 13, 1920, is hereby repealed.

Section 2. The Board of Engineers of the Fire Department, as the same heretofore has been constituted, organized and exercising management, is hereby abolished.

The Mayor shall be the executive head and general directing authority in control and management of the Fire Department.

Pursuant to and under authority of Acts of General Court of 1923, Chapter 61, Section 1, the present Chief Engineer and the several assistant engineers hereby are appointed to positions and capacities in the permanently employed organized fire force of the city with the following titles, respectively, viz.:—Chief Engineer to be Chief of the Fire Department; the first assistant engineer to be Deputy Chief; the second assistant engineer to be First District Chief; the third assistant engineer to be Second District Chief; the fourth assistant engineer to be Third District Chief. Their several duties shall be the same as formerly assigned to them under the city ordinances in their respective positions as then named and described.

Vacancies in the office of District Chiefs shall be filled by appointment made by the Mayor and confirmed by the City Council in convention.

Section 3. This ordinance shall take effect upon its passage.
IN BOARD OF ALDERMEN.

July 12, 1923.

Passed to be ordained,

WALTER H. B. REMINGTON,

Mayor.

Sent to Common Council,

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL.

July 12, 1923.

Passed to be ordained,

ROBERT L. BAYLIES,

President.

RUTH G. HILTON,

Clerk pro tem.

Presented to the Mayor for approval July 13, 1923.

RODOLPHUS A. SWAN,

City Clerk.

Approved July 14, 1923.

WALTER H. B. REMINGTON,

Mayor.

Attest:

RODOLPHUS A. SWAN,

City Clerk.

CITY ORDINANCES

Gasoline Filling Station

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-Three
AN ORDINANCE

Relative to Gasoline Filling Stations.

Be it ordained by the City Council of the City of New Bedford
as follows:

Section 1. Section 154 of the Revised Ordinances of 1916, as amended is hereby further amended by inserting in said section, after the paragraph defining **Garage (Public)**, the following paragraph: FILLING STATION: A building or portion of a building used or designated to be used in any connection with the storage or sale of volatile inflammable liquids.

Section 2. Section 158 of the Revised Ordinances of 1916, as amended, is hereby further amended by inserting after the word "garage" in the second line the words "or filling station."

Section 3. Section 261 of the Revised Ordinances of 1916, as amended is hereby further amended by inserting at the end of the section, after the words "garage (public)", the words "and filling stations."

Section 4. An ordinance relative to the erection or conversion of a building for use as a garage passed December 12, 1919, as amended, is hereby further amended by inserting after Section 6 the following Section: Section 6A. All requirements as set forth in the foregoing ordinance shall apply to the erection or conversion of a building to be used as a filling station.

Section 5. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,

July 12, 1923.

Passed to be ordained,

WALTER H. B. REMINGTON,
Mayor.

Sent to Common Council,

RODOLPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL,

July 12, 1923.

Passed to be ordained,

ROBERT L. BAYLIES,
President.

RUTH G. HILTON,
Clerk pro tem.

Presented to the Mayor for approval July 13, 1923.

RODOLPHUS A. SWAN,
City Clerk.

Approved July 14, 1923.

WALTER H. B. REMINGTON,
Mayor.

Attest:

RODOLPHUS A. SWAN,
City Clerk.

CITY ORDINANCES

Garbage Collection

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-Three

AN ORDINANCE

Relative to the duties of the Superintendent of Streets and of the Board of Health with reference to collection of garbage.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Section 477 of the Revised Ordinances of 1916 as amended by an ordinance approved by the Mayor, January 3, 1922, is hereby further amended by striking out in the thirteenth line thereof the following words "and the collection of garbage"; so that the ordinance shall read as follows. —Section 477. The superintendent of streets, under the direction of the Mayor and Aldermen, and subject to the plans and specifications of the city engineer, shall have charge of all street construction and the construction and repairs of sewers; he shall keep the streets clean and in good condition of repair, properly watered and oiled; he shall have the care and management of all bridges which are used as highways and are in whole or in part under the charge of the city; he shall have charge of the city stable and all tools, appliances and apparatus used by the street department; he shall have charge of the collection and disposal of ashes and rubbish.

Section 2. Section 123 of the Revised Ordinances of 1916 is hereby amended by the addition of the following paragraph: "The board of health shall have charge of the collection and disposal of garbage, refuse and offal," so that said section shall read as follows.—Section 123. The board of health shall have full power to make all needful rules and regulations for public health and safety under the provisions of General Laws, Chapter, 111, and amendments thereto, and the rules and regulations herein established, except plumbing regulations, shall be subject to change and amendment by the board of health without action thereon by the city council, but nothing herein contained shall be construed to prevent the board of health from making such further rules and regulations in regard to plumbing as are not inconsistent herewith. The board of health shall have charge of the collection and disposal of garbage, refuse and offal.

Section 3. Section 596 of the Revised Ordinances of 1916 is amended by striking out in the first and second lines thereof the words "and garbage" and inserting between the words "ashes" and "rubbish" the word "and", so that said section shall read as follows:—Section 596. Collection of ashes and rubbish shall be made by districts on days designated by the superintendent of streets. Owners and occupants of buildings shall cause their ashes and rubbish to be placed on the outer edge of the sidewalk beside their premises, or such other places as may be required by the superintendent of streets, before 7 o'clock in the morning of the day designated by said superintendent for collection.

Section 4. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,

July 12, 1923.

Passed to be ordained.

WALTER H. B. REMINGTON,

Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

July 12, 1923.

Passed to be ordained.

ROBERT L. BAYLIES,

President.

RUTH G. HILTON,

Clerk pro tem.

Presented to the Mayor for approval July 13, 1923.

July 23, 1923. Ordinance in force; not returned by the Mayor approved or disapproved within ten days after it was presented to him.

RODOLPHUS A. SWAN,

City Clerk.

Attest:

RODOLPHUS A. SWAN,

City Clerk.

SOUTHEASTERN MASSACHUSETTS



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31300

